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AIR FORCE SURVEYS IN GEOPHYSICS, NO. 442

The Revised AFGL Infrared Sky Survey Catalog

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16 June 1983

OPTICAL PHYSICS DIVISION PROJECT 7670
AIR FORCE GEOPHYSICS LABORATORY
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Infrared survey measurements obtained from two probeborne experiments flown in 1982 combined with extensive ground-based observations on AFGL sources are incorporated into a revised AFGL Four Color Infrared Survey catalog. Over 92 percent of the sky has been covered at 11 and 20 μm, 71 percent at 4 μm and 47 percent at high sensitivity at 27 μm. There are 2970 entries in the main catalog, most of which are multicolor observations. The 11- and 20-μm source counts show a distinct change of slope from 0.4 to 0.6 at about $m_{11} \cong -3.5$ and $m_{20} \cong 4.5$. The source counts are given by:

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20. Abstract - Contd.

$$\log N\,(4.2\,\mu m) = 0.5\,(m_4 + 3.45) \qquad m_4 \leq 1.3$$

$$N\,(11\,\mu m) = 10^{0.4(m_{11} + 7.55)} + 10^{0.6(m_{11} + 5.55)} \qquad m_{11} \leq -1.0$$

$$N\,(20\,\mu m) = 10^{0.4(m_{20} + 9.55)} + 10^{0.6(m_{20} + 6.55)} \qquad m_{20} \leq -2.5$$

$$\log N\,(27\,\mu m) = 0.4\,(m_{27} + 10.45) \quad . \qquad m_{27} \leq -3.5$$

cont

The catalog contents are resolved into two general groups: a disk population (slope = 0.4) with mean colors $m_{(11)}-m_{(20)} = 2.0$ and $m_{(20)}-m_{(27)} = 0.9$ corresponding to color temperatures of 270K and 185K, respectively, and a spherical distribution (slope = 0.6) with a mean color difference of $m_{(11)}-m_{(20)} = 1.0$ corresponding to $T_{c_{sub}} \cong 480$K.

approx = 10

Preface

This revised infrared sky survey catalog includes the results of the extensive verification and photometric studies of AFGL sources performed since 1976 as well as recent survey measurements with larger instruments. These additions have broadened the photometric data base and, at least in the short term, the catalog contains the most comprehensive description of the infrared background brighter than 10^{-16} wcm$^{-2}\mu$m^{-1}. The three primary spectral bands at 11, 20, and 27 μm ($\Delta\lambda \simeq 5\ \mu$m) cover astrophysically interesting regions; the 11- and 20-μm bands span the silicate emission features, the 27-μm band is at the cross-over point in the spectral energy distribution for warm sources embedded in cold dust clouds. The effective wavelengths, intermediate spectral resolution, and photometric accuracy (20 to 30 percent) of the AFGL survey observations allows a quantitative analysis of the spectral energy distributions of the brightest sources in the 8- to 30-μm spectral regions.

Much of the computer programming necessary to reduce and analyze the data was done by Len Marcotte, including aspect determination. Photometric calibration was the responsibility of Paul LeVan.

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I. INTRODUCTION

Since the AFCRL and AFGL catalogs (Walker and Price[1] and Price and Walker[2]) were published a significant ground-based effort has been made to verify the AFGL sources not previously associated with known cataloged objects (Low et al;[3] Lebofsky et al;[4] Gehrz and Hackwell;[5] Allen et al;[6, 7] Joyce et al;[8] Lebofsky et al;[9] Kleinmann et al;[10] Gosnell et al;[11] Rudy et al;[12] Ney and Merrill;[13] Grasdalen et al[14]) and to analyze the contents of the catalogs (Harris and Rowan-Robinson;[15] Lebofsky et al;[9] Kleinmann et al;[16] Grasdalen et al[14]). The ground-based searches for the catalog objects have provided improved positions for many of the sources as well as more extensive photometry. The questions about the unconfirmed sources raised by the early investigations of the AFCRL catalog have, for the most part, been resolved. Some of these sources are indeed spurious (Price and Walker[17]), while others are too extended to be detected by ground-based telescopes (Lebofsky et al;[9] Price;[18] Price et al[19]). Many of the spurious sources were eliminated from the AFGL catalog in the reanalysis by including a rescan confirmation criterion in addition to the signal-to-noise gate used for the AFCRL catalog. Several real sources were also taken out but retained in a supplemental catalog (Price[20]) of potentially interesting objects.

(Received for publication 10 June 1983)

Because of the large number of references cited above, they will not be listed here. See References, page 29.

The "AFGL Four Color Infrared Sky Survey" catalog of Price and Walker[2] has been revised in this report to include more accurate information. The ground-based searches provide identification and improved positions for the unidentified AFGL sources. Associations of known objects with survey sources are upgraded to identifications based upon subjective judgment of the photometric agreement between the survey magnitudes and those listed in either the "Catalog of Infrared Observations" (CIO) compiled by Gezari, Schmitz, and Mead[21] or the list of Grasdalen et al.[14] If the source is considered "identified" then the best available position is substituted for the survey value. Photometry from the ground-based studies and the CIO is included, where possible, if no survey measurement was obtained at the wavelength in question or if the survey observation is deemed spurious. The major revision in the present catalog, however, is the inclusion of data from two more sensitive surveys flown in 1982.

2. THE NEW SURVEY EXPERIMENTS

The Far Infrared Sky Survey Experiment (FIRSSE) is a joint effort between AFGL and the Naval Research Laboratory (NRL) to survey the sky in five spectral bands spanning the spectral region between 8 and 120 μm. It was successfully flown from White Sands Missile Range, New Mexico (WSMR) on 22 January 1982 at $8^h00^m00.191$ UT. The ARIES guided rocket flew the 660-kg payload to a peak altitude of 379 km providing for 450 sec of data acquisition. The instrumental performance in the two long wavelength spectral bands (40 and 90 μm) is described in detail by Price, Murdock, and Shivanandan.[22] The measurements made in the two long wavelength bands are reported by Price et al[23] and Price, Murdock, and Shivanandan.[22] The present report includes only measurements in the two short wavelength bands at 20 and 27 μm.

A second experiment, the Survey Program of Infrared Celestial Experiments (SPICE) was flown from WSMR on 14 September 1982 at 4^h48^m 59.959 UT. A 363.5-km apogee was achieved and 455 sec of data taken. About 30 percent of the sky was surveyed in three broad spectral bands centered at 11, 20, and 27 μm.

A general description of the conduct of AFGL celestial experiments is given in a series of AFGL technical reports that detail the calibration (Price and

21. Gezari, D.Y., Schmitz, M., and Mead, J.M. (1982) Catalog of Infrared Observations, NASA Tech Memo. 83819.

22. Price, S.D., Murdock, T.L., and Shivanandan, K. (1983) The Far Infrared Sky Survey Experiment Final Report, AFGL-TR-83-0055.

23. Price, S.D., Shivanandan, K., Murdock, T.L., and Bowers, P.F. (1983) The brighter 94 μm sources observed by the far infrared sky survey experiment, Astrophys. J., in press.

Walker[24]), the aspect determination (Price et al[25]), and the requirements with respect to particulate contamination (Price, Cunniff, and Walker[26]). Price and Marcotte[27] also briefly discuss the instrumentation used to gather the survey data; whereas Price, Murdock, and Shivanandan[28] describe the FIRSSE and SPICE instruments specifically. The pertinent features of these new experiments are summarized below.

Both the SPICE and FIRSSE telescopes use a doubly-folded Gregorian optical design with a 36-cm diameter primary mirror. The focal planes consist of linear staggered arrays of detectors in each spectral band. Each of the three SPICE arrays has 18 detectors with in-scan widths of 2.5 arc min and cross-scan lengths of 10.75 arc min for a 2.28×10^{-6} sr field-of-view. The 2.4-arc min overlap of adjacent detectors leads to a total cross scan extent of $2\overset{\circ}{.}5$ for the entire array. The FIRSSE 11-, 20-, and 27-μm detectors are 2.5 by 10 arc min and overlap by 1.75 arc min. The 13 elements in each 11- and 20-μm arrays have a cross-scan extent of $1\overset{\circ}{.}82$. The 27-μm array has 15 elements and covers $2\overset{\circ}{.}1$. The 11-, 20-, and 27-μm spectral filters were cut from the same samples for both instruments and only minor differences exist in the spectral response of the detectors between the two instruments. The adopted effective wavelengths are 11, 20, and 27 μm with effective bandwidths of 4.5, 5.5, and 5.0, respectively.

The telescope is yoke-mounted in a one-axis gimbal orthogonal to the longitudinal or roll axis of the payload. A star tracker is coaligned to the roll axis and the payload spin balanced about this axis during pre-flight preparations. During powered flight the star tracker looks aft. The payload and spent motor are separated by a double pneumatic bellows upon release of manacle clamps. A separation velocity of 9 m/sec was achieved on both flights, sufficient to escape the contamination from the spent motor seen on other ARIES-borne experiments (Price et al[29]). The payload is inverted after separation and the tracker is locked to a

24. Price, S. D., and Walker, R. G. (1978) Calibration of the HI STAR Sensors, AFGL-TR-78-0172, AD A061020.

25. Price, S. D., Akerstrom, D. S., Cunniff, C. V., Marcotte, L. P., Tandy, P. C., and Walker, R. G. (1978) Aspect Determination for the AFGL Infrared Survey Experiments, AFGL-TR-78-0253, AD A067017.

26. Price, S. D., Cunniff, C. V., and Walker, R. G. (1978) Cleanliness Considerations for the AFGL Infrared Celestial Survey Experiments, AFGL-TR-78-0171, AD A060116.

27. Price, S. D., and Marcotte, L. P. (1980) An Infrared Survey of the Diffuse Emission Within 5° of the Galactic Plane, AFGL-TR-80-0182, AD A100289.

28. Price, S. D., Murdock, T. L., and Shivanandan, K. (1981) Air Force Geophysics Laboratory (AFGL) infrared sky survey experiments, Proc. SPIE 280; Infrared astronomy, Scientific/Military Thrusts and Inst. 33.

29. Price, S. D., Murdock, T. L., McIntyre, A., Huffman, R. E., and Paulsen, D. E. (1980) On the diffuse cosmic background measured from ARIES A-8, Astrophys. J. (Lett.) 240:L1.

pre-selected star. The star and launch time are chosen such that the star is near local zenith and meridian transit.

Once the star is acquired, control of the pitch and yaw jets is switched to the tracker. Error signals from the tracker are used to drive the star to a null and maintain that position to within a root mean square (rms) value of 30 arc sec while the payload rotates about that axis. This essentially established an alt-azimuth coordinate system with the pole of rotation fixed to the inertial coordinates of the star and the zenith angle set by the gimbal deployment angle of the telescope. The azimuth angle as a function of time is derived from stellar transits detected through an "N" slit retical mask at the focus of a small visual photometer. The vertical leg of the "N" is aligned to the deployment plane of the telescope.

Initial deployment of the telescope is to a zenith angle of about 40°. At the end of a $382.^{\circ}5$ roll maneuver the sensor deployment angle is increased. The roll rate is adjusted to maintain a constant linear scan rate across the focal plane. The deployment angle of the telescope is increased during the first half of the experiment, reaching maximum deployment near apogee. The sensor is stepped up during the down leg of the trajectory. This scan program produces the maximum celestial coverage without significantly "background limiting" the performance of the detectors with off-axis thermal radiation from the earth. Data acquisition is limited to altitudes higher than 130 km. The $22.^{\circ}5$ roll is included for stepping the sensor so that at least 360° of each roll is at a constant zenith angle.

A linear scan rate of 20°/sec and stepping increment of $2.^{\circ}144$ were employed for the FIRSSE flight. The SPICE flight used a 15°/sec scan rate with $4.^{\circ}288$ steps. Thus almost completely redundant coverage was obtained in the FIRSSE 27-μm band and 85 percent redundancy at 20 μm. Only 14 percent overlap was programmed for the three SPICE arrays. The redundancy factor and difference in linear scan rates reflect the difference in the objectives between the two experiments. A higher degree of redundancy for the FIRSSE long wavelength bands (27 through 120 μm) was important because of the pioneering nature of the experiment. FIRSSE was the first exo-atmospheric experiment to successfully use super-fluid helium as a cryogen under dynamic thermal loading. It also was the first experiment to use Ge:Ga photoconductors in a multi-element focal plane to survey a large fraction of the sky at wavelengths longer than 30 μm. A very large areal coverage was desired for SPICE in order to survey at wavelengths shorter than 30 μm as much of the galactic plane around the galactic center as possible. The low rescan confirmation opportunity was balanced against much improved mapping of the galactic plane. The galactic plane was surveyed from a longitude of 355°, through the center, out to 36°. This coverage provided 11-, 20-, and 27-μm maps over this region at high signal-to-noise.

A complete survey over the area covered by both experiments was not realized because: (1) about 10 percent of the data for each experiment contained optical contamination, (2) a bias short to ground in the FIRSSE 11-μm band made this band inoperative, and (3) a shorted MOSFET on one of the SPICE 20-μm channels made this channel inoperative. One other 20-μm SPICE channel was anomalously noisy. Aside from the problems mentioned above, the performance of the instruments was acceptable. The average noise equivalent flux density (NEFD) was measured in flight to be 10^{-16}, 4×10^{-17}, and 2.5×10^{-17} wcm^{-2} for the 11-, 20-, and 27-μm SPICE bands, respectively. The FIRSSE NEFD at 20 and 27 μm was 2×10^{-17} and 3.5×10^{-17} wcm^{-2}, respectively. Although this is about a factor of four lower than predicted by pre-flight calculations, it is emphasized that, with the above exceptions, the noise, detector response, and NEFDs were nearly constant resulting in a uniformly complete survey over the area covered. This is in marked contrast to the survey experiments that produced the AFGL catalog, which were background limited, leading to a variation in noise of roughly a factor of ten during the experiment.

3. DATA REDUCTION

The signals generated as the detectors are swept across the sky are amplified and band limited. The high frequencies are attenuated by a low-pass filter with a characteristic frequency set at the inverse of twice the "point source" transit time across a detector. The response rolls off at 12 dB per octave with a corner frequency at 250 Hz for the FIRSSE channels and at 180 Hz for SPICE. Low frequencies generated by 1/f noise and background modulation are filtered with a single RC network with characteristic frequencies set at 10 and 4 Hz for FIRSSE and SPICE, respectively. The signal is sampled 1600 times per second, digitized and telemetered to the ground, where it is recorded on high-speed analog tape. After flight the analog tape is read, decommutated, and converted back into a digital format for storage on computer compatible digital tapes. These tapes are subsequently processed to extract signals from the survey data and the star mapper. The azimuth solution is then determined in the form of cubic polynomials as a segmented function of time as described in detail by Price et al.[25] The rms error in the azimuth solution is less than an arc minute during a large part of both experiments. The noise and bias levels in blocks of the data stream 0.38 sec long are determined for each sensor channel. The averaging method used to determine these parameters excludes point source signatures. The data is filtered by subtracting the average output of the raw data 7 arc min ahead and behind the point in question. Potential sources are selected if the

signal peak exceeds three times the instantaneous noise in either the raw or filtered data. The signal rise time and cross-correlation coefficient are calculated for each potential source, using a filtered signal from an ideal point source for the cross correlation. These parameters recognize and reject impulse responses due to cosmic ray interactions. About 2.5 to 3 potential sources per second were accepted by the routine, roughly ten times that due to white noise alone.

Next, the coordinates of the potential sources are determined from the aspect solution and multicolor observations are combined into a single source. The results are compared to cataloged positions of known infrared objects: the "Two Micron Sky Survey" (TMSS) by Neugebauer and Leighton,[30] its southern extension (Neugebauer[31]), and the AFGL catalog. Measurements in one color only which are not associated with known infrared objects, are rejected if they are either detected during a time of anomalously high noise, for example, optical contamination, or are a point source with a filtered signal-to-noise less than three. About half the potential sources are eliminated in this manner. The TMSS associations are used to determine the tracker to sensor and gimbal offsets and any field rotation, thus improving the sensor aspect. Satellite and asteroid positions are calculated for the launch epoch in sensor coordinates, after which they are subsequently identified in the data and eliminated.

The published ground-based and aircraft borne measurements in the CIO and the photometry on AFGL sources by Grasdalen et al,[14] Ney and Merrill,[13] and Gosnell, Hudson, and Puetter[11] were used to calibrate the survey photometry. Sources which are known, or suspected to be, extended on the order of an arc minute were rejected. The reference irradiances were extrapolations of the listed measurements at or near the effective wavelength of the survey band by assuming a zero color difference. The zero magnitude spectral energy distribution was approximated by a $\lambda^{-3.95}$ power law over the wavelength range in question. Measurements between 10 and 12 μm were used for the 11-μm survey observations, between 18 and 22 μm for the 20-μm survey values, and between 20 and 35 μm for the 27.3-μm calibration. Multiple observations by different observers on a given source were averaged after subjectively eliminating the low quality values. The resulting list contains a number of late type variable stars. Price and Walker[2] confirmed that the differences due to variability between the adopted reference fluxes and the actual values at launch epoch for such stars averages out in the calibration.

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30. Neugebauer, G., and Leighton, R. B. (1969) Two Micron Sky Survey - A Preliminary Catalog, NASA SP-3047.

31. Neugebauer, G. (1971) Two micron sky survey zones -47° to -40° and -40° to -33°, private communication.

The sources with published measurements are associated with the survey observations by positional agreement, within 3 arc min in azimuth and 9 arc min in zenith. A linear weighted least-squares regression of irradiance as a function of signal is calculated with a fixed zero intercept for each individual detector. The weights were subjective judgments of the quality of the published measurement. Sources with irradiance values greater than one standard deviation from the fit were rejected and the regression repeated. The discordant values of irradiance are possibly due to large amplitude source variability, beam size effects due to extended emission or source transit at the edge of a detector.

About 160 sources provided the 193 observations for calibration of the 11-μm SPICE detectors. The smallest number of calibration sources per detector was four, the maximum number was 24, and the average was 10. The mean standard deviation of the differences between the reference and calculated irradiances was 1.3×10^{-16} wcm$^{-2}\mu$m^{-1} for the 193 sources. On the average this is equivalent to a source with a signal-to-noise of 5. The 11-μm calibration accuracy is estimated to be about 15 percent.

The 20-μm calibration for SPICE used 118 measurements, an average of seven per detector with as few as three and as many as 11. About 60 objects provided 107 measurements to calibrate the FIRSSE 20-μm survey photometry. The standard deviations averaged over the focal plane between the reference and calibrated values are 8 and 3×10^{-17} wcm$^{-2}\mu$m^{-1} for the SPICE and FIRSSE arrays. These values again correspond on the average to a source with a signal-to-noise of about 5. The accuracy of the 20-μm calibration is estimated to be about 20 percent.

At 27 μm there are 36 reference values for calibrating the SPICE array, an average of two per detector. At least one, and as many as four, sources were detected on each channel. Thirty-three measurements were available for calibration of the FIRSSE 27-μm detectors. These included five asteroids (2 Pallas, 8 Flora, 15 Eunomia, 54 Alexandra, and 704 Internamnia). These asteroids were detected at signal-to-noise greater than 5 and also have published ground-based 10- and 20-μm photometry. A color temperature is derived from the best available 10- and 20-μm photometry in the literature and scaled by $T_c \propto R^{-1/2}$ to the correct sun-asteroid distance. The 27-μm flux is extrapolated along a greybody distribution at this temperature and then scaled to account for the difference in earth-asteroid distances. No systematic difference was found between the individual system responsivities derived from stars and those calculated asteroid values. Even with the asteroid measurements three 27-μm FIRSSE channels had no associated calibration sources. The calibration for these detectors was obtained by scaling the relative responsitivities for the filter-detector combination derived from extensive preflight laboratory testing to an average of the 33

reference fluxes weighted by the number of observations on a channel. The calibration error in the 27-μm band is estimated to be 25 percent for SPICE and 30 percent for FIRSSE.

The calibration was performed in terms of irradiance ($wcm^{-2}\mu m^{-1}$) and is therefore independent of the bandwidth of the survey photometry and ground-base instrumentation in the first approximation. The calibration reflects the energy distribution for the bulk of the calibration of objects, late type stars with some excess dust radiation longward of 10 μm. Color corrections are small for the 11-, 20-, and 27-μm bands.

Note that although the absolute calibration accuracy is estimated to be 15, 20, and 30 percent at 11, 20, and 27 μm, the relative photometry is much better. The relative photometric error is estimated to be 5 to 10 percent as determined by redundant measurements on overlapping scans within a flight and by the consistency of the confirming observations between the two experiments.

After calibration of the photometry, the measurements of the same source on adjacent detectors are combined as are the rescan observations during the $22.^{\circ}5$ overlap at the end of each roll during which the sensor is stepped. Then, confirming measurements on the overlapping coverage between the up and down legs of the experiment are combined. If a source is not confirmed but lies in an area that was rescanned the data stream for the confirming scan is examined. The source is appropriately flagged if lack of confirmation results from optical contamination, an edge detection at the end of the array, or high noise level in the data stream. The sensor steps were chosen such that the overlapping coverage was offset by about one half the height of a detector. Detections on adjacent detectors and rescan confirmation are used to improve the position accuracy in the cross scan direction. The rms accuracy is about 1 arc min in azimuth, 4 arc min in zenith for an uncombined detection, and 1.5 arc min for a confirmed measurement.

The overlap on the SPICE and FIRSSE flights was searched for confirming observations. Measurements of a source on both experiments were combined and, as before, unconfirmed sources appropriately flagged. All sources that were not confirmed but in coverage within a flight or on the two experiments are eliminated from further consideration. Also rejected are sources not associated with a known infrared object that have a filtered signal-to-noise less than five or that were detected with anomalously high noise. The resulting list is then compared to the "AFGL Four Color Infrared Sky Survey" and the Supplement.

4. THE CATALOGS

The AFGL and supplemental catalogs were revised based upon information obtained from the ground-based searches and the CIO. About 30 sources in the main catalog and 360 in the supplement, which were not labeled as extended and were away from the galactic plane or HII regions, were eliminated for lack of ground-based confirmation. Next, where available, improved positions were adopted if the AFGL source was considered identified. The identification resulted from a subjective judgment based upon agreement between the survey photometry and that published in the literature. Photometric agreement was considered as additional confirmation of the survey observations and 74 entries in the supplement were included in the main catalog on that basis. The ground-based photometry was selected on the same basis as for the survey calibration previously discussed: 4.2 μm was an average of observations made at 3.6 and 5.0, 11 μm adopted the published magnitude between 10 and 12.5 μm, and 20 μm adopted the published magnitude between 18 and 22 μm. The most common false entry in the AFGL catalog is the so-called "spurious color" - a valid measurement is coupled with a spurious one at another (usually longer) wavelength when the multicolor observations are combined. The ground-based values were substituted for those believed to be spurious or included when no survey measurement was made at that wavelength.

The resulting lists were combined with the SPICE and FIRSSE measurements. For the AFGL sources detected by SPICE/FIRSSE the irradiances at a given wavelength were averaged providing they agreed within a factor of 2, otherwise the SPICE/FIRSSE values were adopted. A source in the supplement was upgraded to the main catalog if (1) the SPICE/FIRSSE measurement had a signal-to-noise greater than 5, (2) it was confirmed, either within a flight or from flight-to-flight, or (3) the SPICE/FIRSSE observations had a common color with the AFGL entry and the two agreed to within 50 percent. A SPICE or FIRSSE measurement not associated with an AFGL source was incorporated into the main catalog if the signal-to-noise was greater than 5 and it satisfied at least one of the following confirmation criteria: the source is either seen twice on the same experiment or detected on both experiments, or that it is associated with an object known or suspected to be bright in the infrared, or that it is not associated with a cataloged object but it is a two-color measurement in adjacent bands, that is 11 and 20 μm and/or 20 and 27 μm. Although the last two criteria are weak, they were included to eliminate some of the spurious signals that satisfied the signal-to-noise selection criterion but which were not rescanned or flagged as not detectable during rescan. These criteria would not eliminate optical contamination that would show up as a cluster of predominately extended, unconfirmed and

unassociated sources. The SPICE/FIRSSE measurements that fail these criteria are relegated to the current supplemental catalog as are those observations with a signal-to-noise of less than 5 and associated with either an AFGL supplement source, a TMSS star, or have a rescan combination.

5. DISCUSSION

There are now 2970 entries in the main catalog, 624 of which are new objects detected on the SPICE and FIRSSE flights. The remaining 2345 are listed in the AFCRL, AFGL, and AFGL Supplement catalogs. About 110 Supplement sources are included, having been confirmed by SPICE, FIRSSE, or ground-based searches. The catalog contents are plotted on Aitoff equal area projections in Figures 1, 2, 3, and 4 for the 4.2-, 11-, 20-, and 27-μm bands, respectively. The plots show that the distributions are more concentrated in the galactic plane at the longer wavelengths and the source density along the plane is quite non-uniform. The greater sensitivity of the SPICE and FIRSSE measurements is graphically depicted in the 20-μm plot (Figure 3) where the stippling of fainter sources define the scan coverage of these experiments. The areal coverage at each wavelength is listed in Table 1 along with the corresponding number of sources in the revised main catalog compared to that in the AFGL catalog. The second entry for 27 μm refers only the SPICE and FIRSSE measurements as all the fainter sources are from these flights because of the factor of 10 higher sensitivity at this wavelength.

Table 1. Area Surveyed in Each Color and Number of Sources Detected

Color	Total Area Surveyed		No. of Sources Revised Cat.	AFGL Cat.
	sq. deg	percent		
4.2	32170	71	2053	1982
11	38159	92.5	1741	1151
20	38750	94	1563	646
27	30102	73	754	72
	*19732	47	663	---

*SPICE + FIRSSE coverage

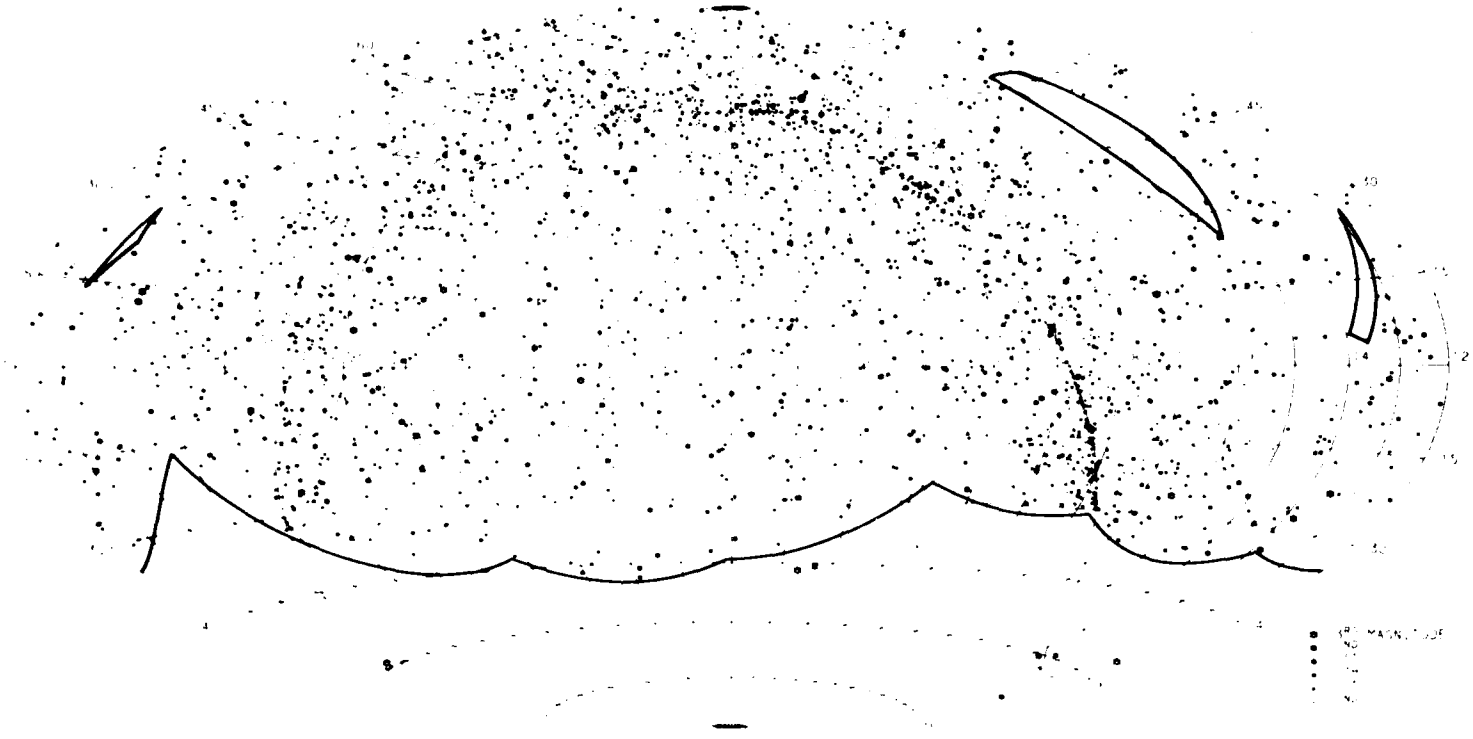

Figure 1. Distribution of 4.2-μm Sources in the Catalog on an Equal Area Projection in Equatorial Coordinates. The dashed line is the galactic plane; the heavy lines are the boundaries to the surveyed region. Sources outside survey region are CIO additions for objects detected at other wavelengths

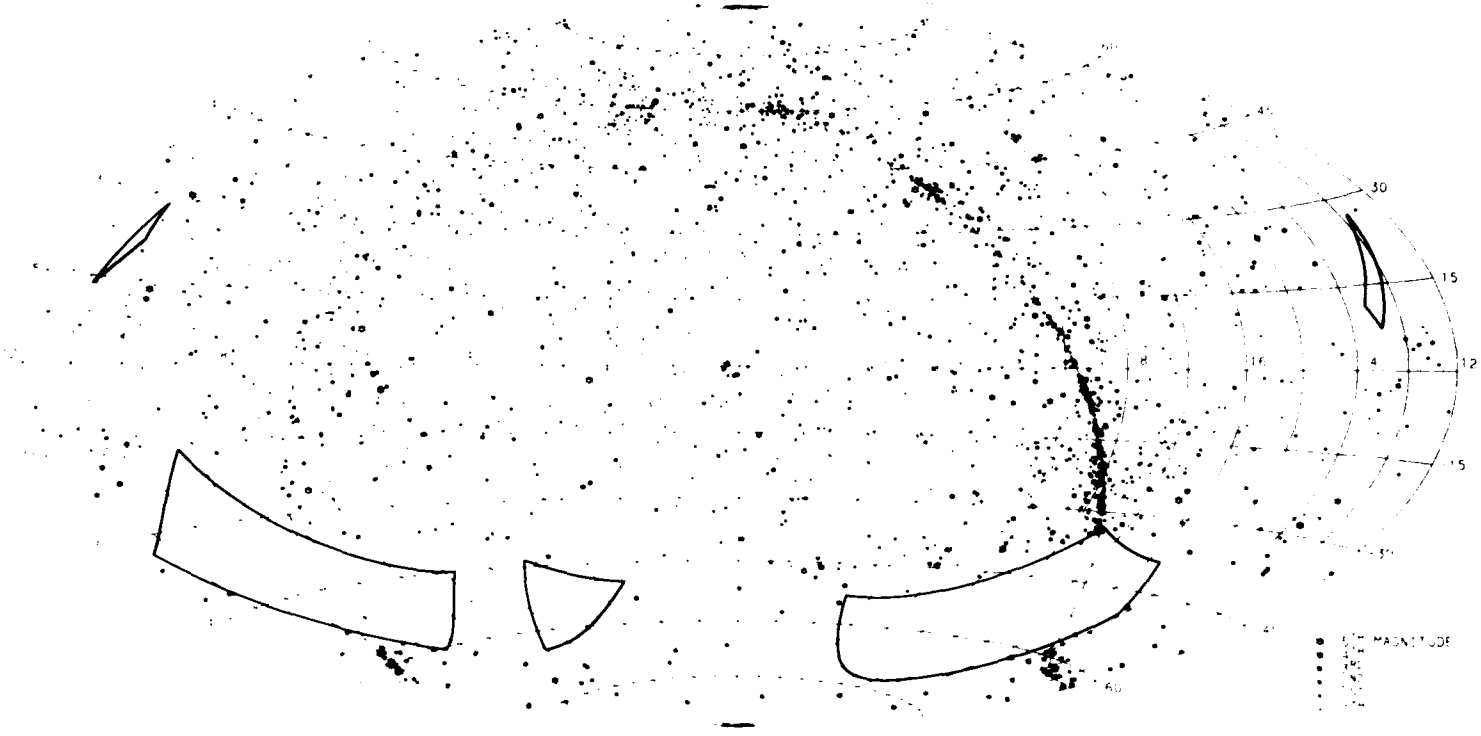

Figure 2. Distribution of the 11-μm Sources. See Figure 1 for definition of features

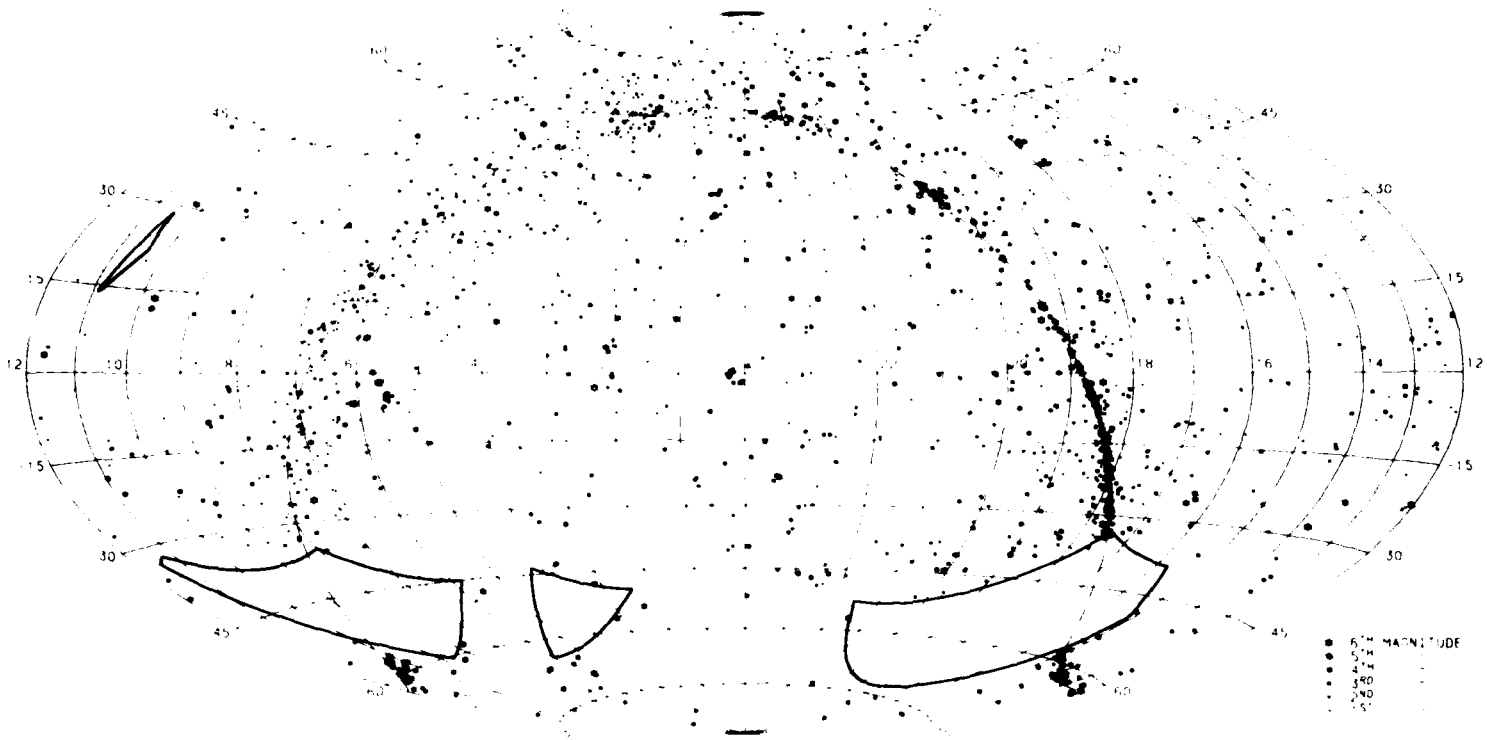

Figure 3. Distribution of the 20-μm Sources. See Figure 1 for definition of features

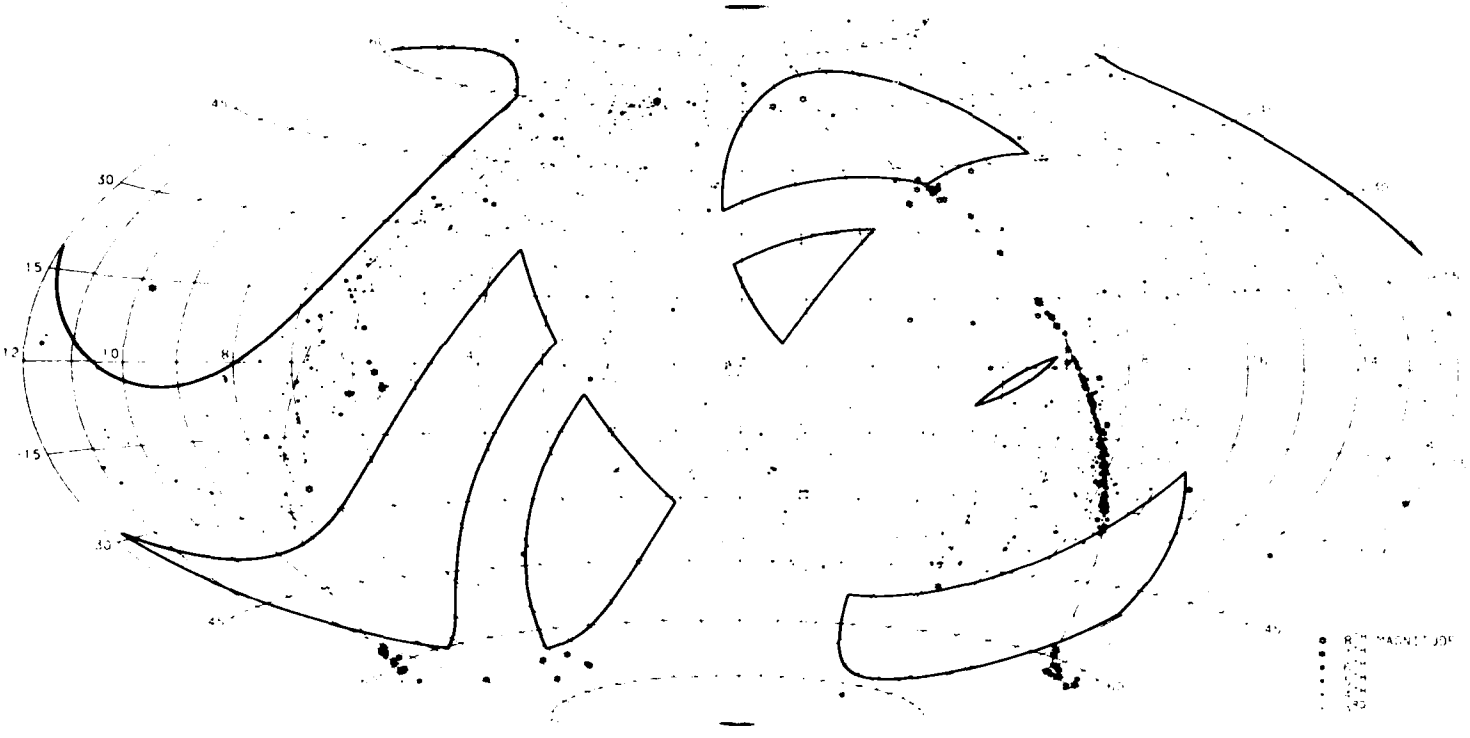

Figure 4. Distribution of the 27-μm Sources. See Figure 1 for definition of features

The logarithm of the number of sources brighter than a given magnitude as a function of magnitude for each wavelength is shown in Figure 5. The counts over the area surveyed are plotted as points. The FIRSSE and SPICE counts, normalized to the area covered at 20 μm, are denoted by other symbols. For reference the uniform disk and spherical distribution slopes of 0.4 and 0.6 are also included. The greater sensitivity of the FIRSSE and SPICE measurements is reflected in the proportionally larger source counts for the experiments at the fainter levels. The uniformity of these survey measurements is indicated by the manner in which the curves flatten at the fainter magnitudes. At 11 μm this occurs over a factor of 2 in brightness, which is the range in responsivities over the SPICE 11-μm array. The smoother turnover of 20 and 27 μm reflects the difference in sensitivity between flights in addition to the difference in detector responsivities.

The 11- and 20-μm source counts show a distinct change of slope from 0.4 to 0.6 at about $m_{11} \simeq -3.5$ and $m_{20} \simeq -4.5$. The 27-μm source count is consistent with a 0.4 slope over the entire coverage. Numerically, the source counts are well represented by the expressions:

$$N(4.2\ \mu m) = 10^{0.5\,(m_4 + 3.45)} \qquad m_4 \leq 1.3$$

$$N(11\ \mu m) = 10^{0.4\,(m_{11} + 7.55)} + 10^{0.6\,(m_{11} + 5.55)} \qquad m_{11} \leq -1.0$$

$$N(20\ \mu m) = 10^{0.4\,(m_{20} + 9.55)} + 10^{0.6\,(m_{20} + 6.55)} \qquad m_{20} \leq -2.5$$

$$N(27\ \mu m) = 10^{0.4\,(m_{27} + 10.45)} \qquad m_{27} \leq -3.5 \ .$$

Thus, the contents of the catalog can be resolved into two broad categories: a disk population with mean colors of $m_{11}-m_{20} = 2.0$ and $m_{20}-m_{27} = 0.9$ corresponding to color temperatures of 270K and 185K, and a spherical distribution of sources with a mean color difference of $m_{11}-m_{20} = 1.0$ corresponding to a 480K color temperature. The 0.5 slope for the 4-μm sources is not fully understood. Kleinmann, Gillett, and Joyce[16] found similar slopes for stars at 0.55 μm from the "Bright Star Catalog" (Hoffleit[32]), at 2.2 μm from the TMSS (Neugebauer and Leighton[30]), and at 4.2, 11, and 20 μm from the AFGL catalog. The SPICE plus FIRSSE measurements indicate that the AFGL survey at 11 and 20 μm was non-uniform at fainter magnitudes, which blurred the crossover point in the two distributions producing an "average" result. However, this explanation should not apply to the shorter wavelength measurements that are crossreferenced much more extensively.

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32. Hoffleit, D. (1964) Catalog of Bright Stars, Third Revised Edition, Yale U. Obs.

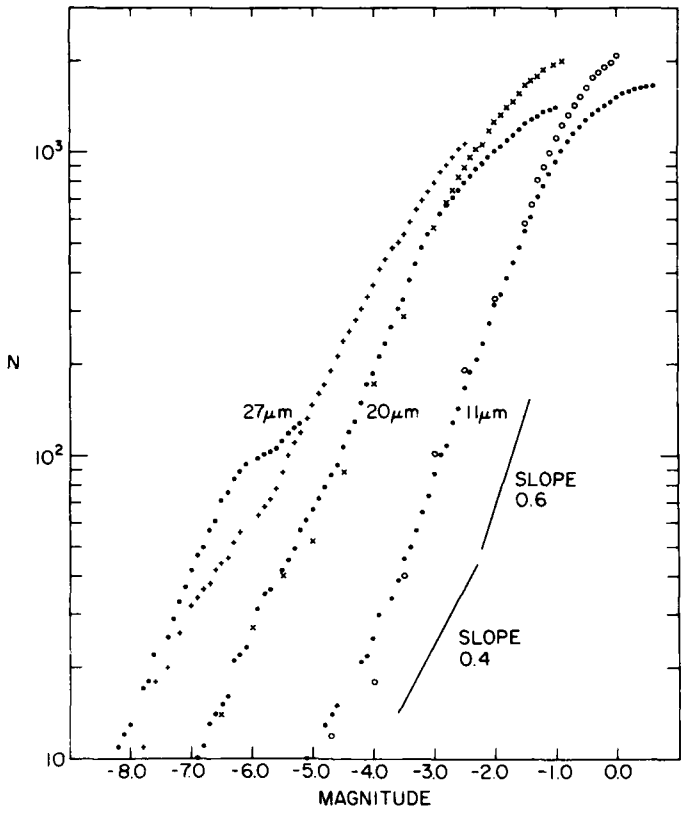

Figure 5. Number of Sources Brighter Than a Given Magnitude as a Function of Magnitude for the 11-, 20-, and 27-μm Sources in the Revised Catalog. Points are values for the entire catalog; (o) denotes the 11-μm source counts for SPICE multiplied by 3, (x) and (+) designate the 20 and 27 μm, respectively, source counts for SPICE and FIRSSE multiplied by 2. Also shown is a slope 0.4 characteristic of a uniform disk distribution and slope 0.6 a uniform spherical distribution

The limits in the numerical expressions for the source count are the magnitudes at which the SPICE plus FIRSSE source counts begin to diverge from a slope of 0.6 at 11 and 20 μm and 0.4 at 27 μm. These limits roughly correspond to the signal-to-noise criterion for inclusion in the main catalog. We adopt these values as the completeness level of the catalog at least over the area covered by the recent experiments.

This statistical approach to derive completeness of the survey and the use of source parameters to describe the overall background have been strongly criticized by Grasdalen et al.[14] They state that "until the AFGL sources are verified

from ground based observations statistical analyses based solely on the AFGL catalog are highly suspect". Also, referring to the conclusions reached by Kleinmann et al,[16] "since they have not made ground based observations to verify existence of these sources as a function of magnitude their completeness limit has no physical meaning. It is entirely conceivable that all the sources at their limit are spurious".

While it is true that some of the sources in the catalog are suspect, notably the cluster of objects near 0^h15^m, $+0^o$ and $0^h30^m + 35^o$, possibly for reasons of particulate contamination, these sources are a small percentage of the total. The slopes of 0.4 and 0.6 in the log N vs m have a physical rational. Highly contrived spatial, spectral, and amplitude distribution of spurious sources would be required in order not to distort the log N vs m plots if these false entries constituted a significant portion of the catalog. Also, about 85 percent of the sources in the catalog are either confirmed by rescan or have plausible associations, and some of those with plausible associations have measurements consistent with the photometry in the CIO. Over half of the remainder lie either along the emission ridge in the galactic plane or the Orion Complex or have magnitudes below the completeness level. Bright infrared objects in the galactic plane and molecular clouds are likely to be heavily obscured stars. Thus, the revised catalog does constitute an adequate data base from which general parameters on the background character may be drawn. It is currently the only data base for HII regions and other extended sources that Grasdalen et al[14] preferentially excluded from their analysis.

The concentration toward the galactic plane that defines the disk population is shown in Figure 6 as a histogram of the number of sources brighter than the statistical limits at each wavelength in increments of 0.1 in sin b. Equal areas are encompassed in the bins and the plots are roughly proportional to the areal density. The concentration to the galactic plane becomes greater with increasing wavelength; 26 percent of the 4.2-μm sources, 45 percent of the 11-μm, 50 percent of the 20-μm, and 73 percent of the 27-μm sources are within $5^o.74$ of galactic plane.

The longitude distributions of the 11- and 20-μm sources brighter than the completeness limits and within $5^o.74$ of the galactic plane are shown in Figure 7. Hatched area represents the number of non-stellar or unidentified objects in each region. On the average 60 percent of the 11 μm and 80 percent of the 20-μm sources fall into this category. The prominent peaks at 25^o and 310^o longitude lie in the direction of a tangent to the spiral arms defined by the HII regions studied by Georgelin et al[33] as does the smaller peak at 45^o. Other peaks at 80^o,

33. Georgelin, Y.M., Georgelin, Y.P., and Sivan, J.-P. (1979) Optical IR regions, IAU Symposium 84, The Large Scale Structure of the Galaxy, W.B. Burton, Ed., D. Reidel Pub. Co., Dordrecht, Holland.

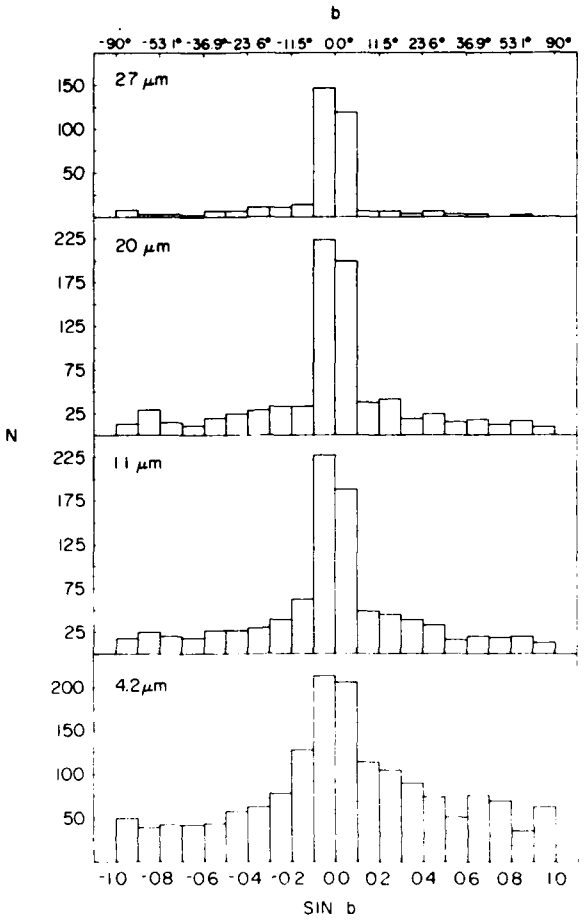

Figure 6. Latitude Distribution of the 4-, 11-, 20-, and 27-μm Sources. Bins are increments of 0.1 in sin b or equal areas for all sky coverage; counts are roughly proportional to areal density. Sources brighter than the completeness limits of 1.3 magnitudes at 4 μm, -1.0 at 11 μm, -2.5 at 20 μm, and -3.5 at 27 μm

110°, 135°, and 290° longitude correspond to peaks in the distribution of HII regions detected at optical wavelengths along the galactic plane (for example, the compilation of Marsalkova[34]). This indicates that the disk population in the galactic plane is dominated by HII regions or sources associated with them.

Multicolor observations that have $m_{20} \leq -2.5$ are shown on two-color plots in Figures 8 through 10. The spectral class of the source in the [4.2-11 μm],

34. Marsalkova, P. (1974) A comparison catalogue of HII regions, Astrophys. Space Sci. 27:3.

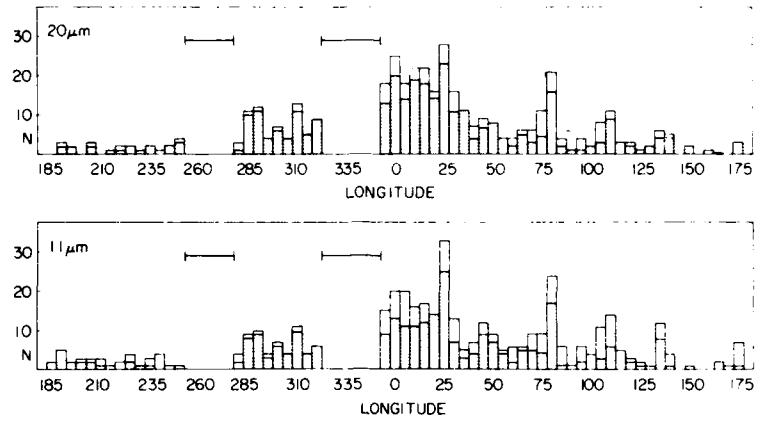

Figure 7. Longitude Distribution of the 11- and 20-μm Sources Within 5.74^{o} ($|\sin b| \leq 0.1$) of the Galactic Plane. Shaded area represents the number of non-stellar or unassociated sources in the region. Marked areas from 260^{o} to 280^{o} and 325^{o} to 355^{o} longitudes are not covered at these wavelengths. Histograms include sources brighter than -1.0 magnitudes at 11 μm and -2.5 at 20 μm

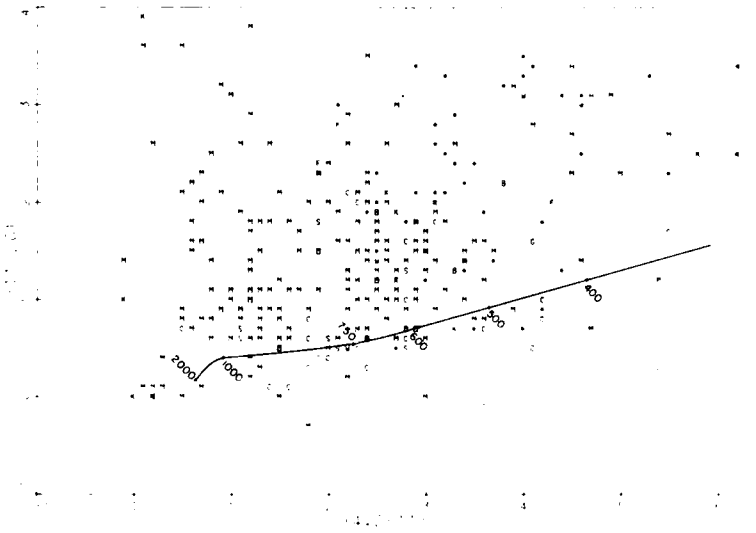

Figure 8. [4.2-11 μm] vs [11-20 μm] Color-color Plots for Sources Brighter Than -2.5 Magnitudes at 20 μm. Symbols denote major spectral class with asterisks representing unclassified objects. (P = peculiar object η Car, W = Wolf Rayet, H = HII region.) The F stars are T Taurii stars, the very red, very cold K source is M17. The band integrated blackbody color temperature curve is also shown and a few reference values designated

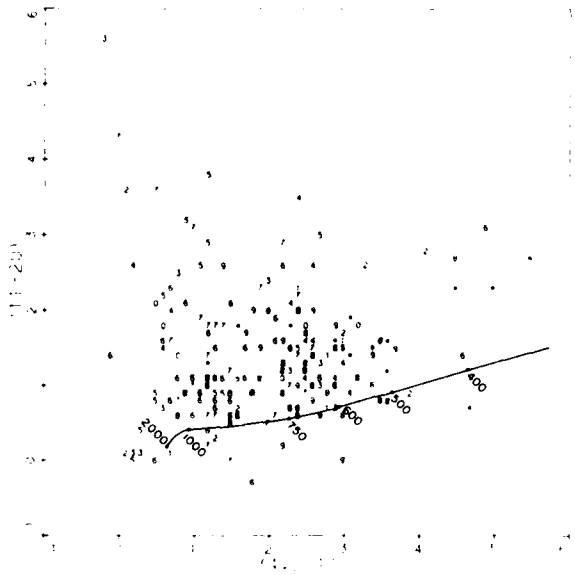

Figure 9. [4.2-11 μm] vs [11-20 μm] Color-color Plots for the M Stars Brighter Than $m_{20} \leq -2.5$. The plotted number denotes the M subclass assigned to the star. M stars without subtypes are designated by an asterisk. The curve for the band averaged blackbody color temperatures and reference values are also shown

[11-20 μm] is plotted in Figure 8 if it is known, an H denotes a known HII region and an asterisk (*) an undesignated source. The spectral type is given even if the source is embedded in dust with the majority of the infrared emission from the surroundings. The color temperature curve for [4.2-11 μm], [11-20 μm] is also plotted with reference values noted. Almost all the sources lie above the blackbody curve with cool color temperatures ranging from 2000K to 400K for the [4.2-11 μm] measurements and 1000K to 150K for the [11-20 μm] differences. The M stars are replotted in Figure 9 with the spectral subclass as the symbol; an asterisk denotes lack of a subclass. The large majority of stars have [11-20 μm] ≤ 2.0 in agreement with the conclusion of Harris and Rowan-Robinson.[15] Extinction or excess emission will cause the points to lie above the blackbody curve. Interstellar extinction has a negligible effect. For an $A_v \sim 30$ magnitudes, the extinction to the galactic center, [11-20 μm] is increased by less than half a magnitude if the interstellar grains have silicate absorption ($A_{4.2} = A_v/20$, $A_{11} = A_v/25$, and $A_{20} = A_v/37$; see Kleinmann, Gillett, and Joyce[16]). Emission from circumstellar dust shells would cause the large observed departures in the

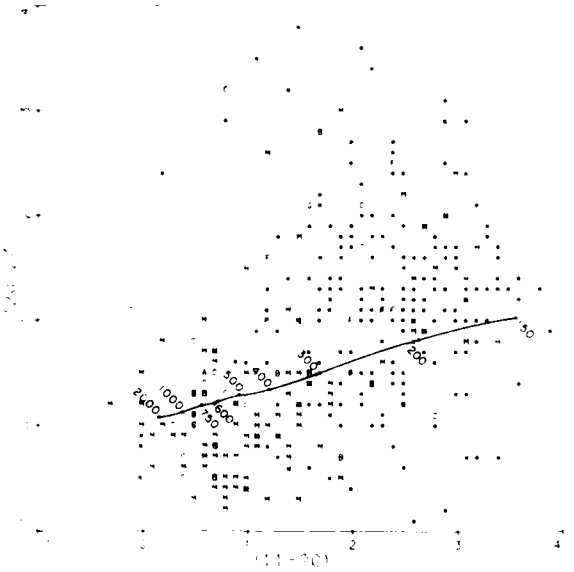

Figure 10. [11-20 μm] vs [20-27 μm] Plots for Sources With $m_{20} \leq -2.5$. Symbols have the same meaning as in Figure 8

colors from the blackbody curve. From Figure 8 it is apparent that circumstellar emission is a common feature of M stars which are bright in the infrared.

The [11-20 μm] vs [20-27 μm] colors are plotted in Figure 10 for sources brighter than $m_{20} \leq -2.5$. Most of the stars are in the region [11-20 μm] ≤ 1.5 and [20-27 μm] ≤ 0.5 and fall below the blackbody curve. The majority of these stars have circumstellar emission due to silicates. Band emission from silicates at 10 and 20 μm would enhance the 11- and 20-μm fluxes compared to that at 27 μm. The unassociated sources and HII regions populate the region [11-20 μm] ≥ 1.5 particularly for [20-27 μm] ≥ 0.5. The cool temperatures are characteristic of HII regions. The large [20-27 μm] color indicates the presences of a significantly cooler ($T_o < 100$ K) component of these sources.

6. CONCLUSIONS

The AFGL catalog has been revised to include measurements from two recent high sensitivity surveys and ground-based searches for sources in the previous catalog. Source counts on the revised catalog show two distinct populations, a spherical component with a slope of 0.6 and a disk component with slope of 0.4. The density distributions and mean color temperatures indicate that, for the most part, the spherical component is made up of late type stars with infrared excesses while the disk is composed of HII regions and stars embedded in circumstellar dust shells with large infrared excesses.

References

1. Walker, R.G., and Price, S.D. (1975) AFCRL Infrared Sky Survey Volume I. Catalog of Observations at 4, 11 and 20 μm, AFCRL-TR-75-0373, AD A016397.

2. Price, S.D., and Walker, R.G. (1976) The AFGL Four Color Infrared Sky Survey: Catalog of Observations at 4.2, 11.0, 19.8 and 27.4 μm, AFGL-TR-76-0208, AD A034448.

3. Low, F.J., Kurtz, R.F., Vrba, F.J., and Rieke, G.H. (1976) An observational study of the AFCRL infrared sky survey I. Limited ground based survey and results from preliminary catalog, Astrophys. J. (Lett.) 206:L153.

4. Lebofsky, M.J., Kleinmann, S.G., Rieke, G.H., and Low, F.J. (1976) An observational study of the AFCRL infrared sky survey II. Present results of a new program to study the final catalog, Astrophys. J. (Lett.) 206:L157.

5. Gehrz, R.D., and Hackwell, J.A. (1976) A search for anonymous AFCRL infrared sources, Astrophys. J. (Lett.) 206:L161.

6. Allen, D.A., Hyland, A.R., and Longmore, A.J. (1976) A first look at the AFCRL infrared sky survey catalog, Mon. Not. R. Astron. Soc. 175, 61P.

7. Allen, D.A., Hyland, A.R., Longmore, A.J., Caswell, J.L., Goss, W.M., and Haynes, R.F. (1977) Optical, infrared and radio studies of AFCRL sources, Astrophys. J. 217:108.

8. Joyce, R.R., Capps, R.W., Gillett, F.C., Grasdalen, G., Kleinmann, S.G., and Sargent, D.G. (1977) Accurate photometric positions for 60 sources from the AFCRL sky survey, Astrophys. J. (Lett.) 213:L125.

9. Lebofsky, M.J., Sargent, D.L., Kleinmann, S.G., and Rieke, G.H. (1978) An observational study of the AFCRL infrared sky survey III. Further searches for AFCRL AFGL sources and an evaluation of the content of the mid-infrared sky, Astrophys. J. 219:487.

10. Kleinmann, S.G., Joyce, R.R., Sargent, D.G., Gillett, F.C., and Telesco, C.M. (1979) An observational study of the AFGL infrared sky survey IV. Further results from the revised catalog, Astrophys. J. 227:126.

11. Gosnell, T.R., Hudson, H., and Puetter, R.C. (1979) Ground based observations of sources in the AFGL infrared sky survey, Astron. J. 84:538.

12. Rudy, R.J., Gosnell, T.R., and Willner, S.P. (1979) Ground Based Measurements of Sources in the AFGL Sky Survey, AFGL-TR-79-0172, AD A081381.

13. Ney, E.P., and Merrill, K.M. (1980) Study of Sources in the AFGL Rocket Infrared Survey, AFGL-TR-80-0050, AD A084098.

14. Grasdalen, G.L., Gehrz, R.D., Hackwell, J.A., and Gullixson, C. (1983) The stellar component of the galaxy as seen by the AFGL infrared sky survey, Astrophys. J. Suppl. (in press).

15. Harris, S., and Rowan-Robinson, M. (1977) The brightest sources in the AFCRL survey, Astron. Astrophys. 60:405.

16. Kleinmann, S.G., Gillett, F.C., and Joyce, R.R. (1981) Preliminary results of the Air Force infrared sky survey, Ann. Rev. Astron. Astrophys. 19:411.

17. Price, S.D., and Walker, R.G. (1977) Results from the Air Force Geophysics Laboratory survey catalog, Astrophys. Space Sci. Library 63; Infrared and Submillimeter Astronomy, G.G. Fazio, Ed., D. Reidel Publ. Co.: Dordrecht-Holland/Boston, p. 13.

18. Price, S.D. (1981) Infrared mapping of the galactic plane I. Low resolution maps between 0° and 320° longitude, Astron. J. 86:193.

19. Price, S.D., Marcotte, L.P., and Murdock, T.L. (1982) Infrared mapping of the galactic plane II. Medium resolution maps of the Cygnus X region, Astron. J. 87:131.

20. Price, S.D. (1977) The AFGL Four Color Infrared Sky Survey: Supplemental Catalog, AFGL-TR-77-0100, AD A048048.

21. Gezari, D.Y., Schmitz, M., and Mead, J.M. (1982) Catalog of Infrared Observations, NASA Tech Memo. 83819.

22. Price, S.D., Murdock, T.L., and Shivanandan, K. (1983) The Far Infrared Sky Survey Experiment Final Report, AFGL-TR-83-0055.

23. Price, S.D., Shivanandan, K., Murdock, T.L., and Bowers, P.F. (1983) The brighter 94 μm sources observed by the far infrared sky survey experiment, Astrophys. J., in press.

24. Price, S.D., and Walker, R.G. (1978) Calibration of the HI STAR Sensors, AFGL-TR-78-0172, AD A061020.

25. Price, S.D., Akerstrom, D.S., Cunniff, C.V., Marcotte, L.P., Tandy, P.C., and Walker, R.G. (1978) Aspect Determination for the AFGL Infrared Survey Experiments, AFGL-TR-78-0253, AD A067017.

26. Price, S.D., Cunniff, C.V., and Walker, R.G. (1978) Cleanliness Considerations for the AFGL Infrared Celestial Survey Experiments, AFGL-TR-78-0171, AD A060116.

27. Price, S.D., and Marcotte, L.P. (1980) An Infrared Survey of the Diffuse Emission Within 5° of the Galactic Plane, AFGL-TR-80-0182, AD A100289.

28. Price, S.D., Murdock, T.L., and Shivanandan, K. (1981) Air Force Geophysics Laboratory (AFGL) infrared sky survey experiments, Proc. SPIE 280; Infrared astronomy, Scientific/Military Thrusts and Inst., 33.

29. Price, S.D., Murdock, T.L., McIntyre, A., Huffman, R.E., and Paulsen, D.E. (1980) On the diffuse cosmic background measured from ARIES A-8, Astrophys. J. (Lett.) 240:4.

30. Neugebauer, G., and Leighton, R. D. (1969) Two Micron Sky Survey - A Preliminary Catalog, NASA SP-3047.

31. Neugebauer, G. (1971) Two micron sky survey zones -47^{o} to -40^{o} and -40^{o} to -33^{o}, *private communication.*

32. Hoffleit, D. (1964) Catalog of Bright Stars, Third Revised Edition, Yale U. Obs.

33. Georgelin, Y.M., Georgelin, Y.P., and Sivan, J.-P. (1979) Optical IR regions, IAU Symposium 84, The Large Scale Structure of the Galaxy, W.B. Burton, Ed., D. Reidel Pub. Co., Dordrecht, Holland.

34. Marsalkova, P. (1974) A comparison catalogue of HII regions, Astrophys. Space Sci. 27:3.

Appendix A

Table of Observations

A1. COLUMNS 1, 2, AND 3 - POSITION

Coordinate information is given in these columns. The epoch 1950 right ascension and declination are given in columns 1 and 2, respectively. The three letter symbol in column 3 designates the reference for the position. In approximate order of increasing accuracy these reference positional accuracies are:

AFGL- AFGL catalog (Price and Walker;[A1] Price[A2]) - 1!3
FIR/SPC - FIRSSE and SPICE derived positions - 0!8
GVS - Kukarkin et al[A3-A5] - 0!8
IRC - Neugebauer and Leighton, [A6] Neugebauer[A7] - 0!5
LKV - Low et al[A8] - 30"
LKR - Lebofsky et al[A9] - 15 to 30"
LSK - Lebofsky et al[A10] - 1 to 30"
UCS - Gosnell, Hudson, and Puetter[A11] - 10"
GH - Gehrz and Hackwell[A12] - 5"
JCG - Joyce et al[A13] - < 5"
KLM - Kleinmann et al[A14] - < 5"
WYO - Grasdalen et al[A15] - < 5"
EIC - Sweeney et al[A16, A17] - < 5"

Because of the large number of references cited above, they will not be listed here. See References, page 163.

CIO - listed in Gezari, Schmitz, and Mead[A18] - $\leq 1''$

SAO - Smithsonian Astrophysical Observatory Star Catalog[A19] - $< 1''$

In general the SPICE and FIRSSE source positions were not improved even though many of the associations were plausible identifications. Better positions were substituted for a few of those SPICE or FIRSSE objects that had corroborative ground-based photometry.

A2. COLUMNS 4 THROUGH 7 - PHOTOMETRY

The 4-, 11-, 20-, and 27-μm photometry is listed in the next four columns, respectively, along with the estimated error or source reference if it is not a survey measurement. A magnitude derived from the CIO listing is designated by a C, one taken from Grasdalen et al[A15] by a W and a value from Ney and Merrill[A20] by M. These non-survey measurements are included in order to facilitate analyses of the catalog content. For example, Harris and Rowan-Robinson,[A21] Kleinmann, Gillett, and Joyce,[A22] and Grasdalen et al[A15] found it possible to divide the catalog content into broad but well-defined categories based upon the [4-11 μm] vs [11-20 μm] color differences.

The adopted zero magnitude irradiances are:

$$H(4.2) = 3.6 \times 10^{-15} \text{ wcm}^{-2}\mu\text{m}^{-1}$$

$$H(11) = 8.7 \times 10^{-17} \text{ wcm}^{-2}\mu\text{m}^{-1}$$

$$H(20) = 8.2 \times 10^{-18} \text{ wcm}^{-2}\mu\text{m}^{-1}$$

$$H(27) = 2.5 \times 10^{-18} \text{ wcm}^{-2}\mu\text{m}^{-1} \quad .$$

A18. Gezari, D.Y., Schmitz, M., and Mead, J.M. (1982) Catalog of Infrared Observations, NASA Tech Memo. 83819.

A19. (1966) Smithsonian Astrophysical Observatory Star Catalog, Government Printing Office, Washington, D.C.

A20. Ney, E.P., and Merrill, K.M. (1980) Study of Sources in the AFGL Rocket Infrared Survey, AFGL-TR-80-0050, AD A084098.

A21. Harris, S., and Rowan-Robinson, M. (1977) The brightest sources in the AFCRL survey, Astron. Astrophys. 60:405.

A22. Kleinmann, S.G., Gillett, F.C., and Joyce, R.R. (1981) Preliminary results of the Air Force infrared sky survey, Ann. Rev. Astron. Astrophys. 19:411.

A3. COLUMN 8 - SPECTRAL TYPE

The spectral type is listed in column 8. The large majority of the spectral types result from association of the survey source with an object in the TMSS. The compilation of Bidelman[A23] of the published spectral classifications for the TMSS and his own determinations of spectral type was used. Additional spectral types for AFGL sources come from Bidelman,[A24] Buscombe,[A25] the "General Catalog of Variable Stars (Kukarkin et al[A3-A5, A26]) and Kleinmann, Gillett, and Joyce.[A22]

A4. COLUMN 9 - AFGL NUMBER

The AFGL number is listed in this column. Numbers less than 3200 identify sources in the AFCRL and AFGL catalogs. An S appended to an AFGL number in the main table denotes a source originally in the supplemental catalog (Price[A2]). The 624 detections on the SPICE and FIRSSE flights are enumerated, beginning at 5001 by right ascension. The new entries in the "revised" supplemental catalog begins at 6001S.

A5. COLUMNS 10, 11, AND 12 - ASSOCIATIONS

Associations with sources in other catalogs are listed in these 3 columns: the Two Micron Sky Survey (Neugebauer and Leighton[A6]) and its extension (Neugebauer[A7]) in column 10, the Bright Star (Hoffleit[A27]) in column 11, and other designations in column 12. The entries in columns 11 and 12 are independent of the TMSS association. If the source has no Bayer, Flamstead, or variable star designations, column 11 contains associations with sources in the "Dearborn

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A23. Bidelman, W. P. (1980) *Spectral Classifications for the Stars of the Catalog of Two Micron Survey*, Warner and Swasey Obs. 2(No. 6).

A24. Bidelman, W. P. (1980) Private communication.

A25. Buscombe, W. (1981) Suggested Identifications for Infrared Sources, Var. Stars Suppl. 4, 19:85, Akad. Science USSR.

A26. Kukarkin, B. V., Kholopov, P. N., Efremov, Yu. N., Kukarkina, N. P., Kurochkin, N. E., Medvedeva, G. I., Perova, N. B., Fedorovich, V. P., and Frolov, M. S. (1970) The Third Supplement to the Third Edition of the General Catalog of Variable Stars, Academy of Sciences USSR, Moscow.

A27. Hoffleit, D. (1964) Catalog of Bright Stars, Third Revised Edition, Yale U. Obs.

Catalog of Faint Red Stars" (Lee et al[A28-A30]) designated by DO, the Revised New General Catalog (Sulentic and Tifft[A31]) for NGC objects, Catalog of HII Regions (Sharpless[A32]), and the Index Catalog of Dryer. Additional associations are obtained from the CIO.

A6. COLUMN 13 - COMMENTS

Comments on the source are given in this column, including alternative names. The class of object is listed if the association is with an NGC source. If appropriate, the type of galaxy is also listed. Sources measured to be extended on the order of 5 arc min or greater are designated by EO, those of marginal extent by E?.

A7. COLUMN 14 - OBSERVATION LOG

This is a three-element code that outlines the observational record for the entry. The first character pertains only to previous AFGL sources. A "C" designates that the source was detected on a SPICE or FIRSSE flight in a common color. If this is not the case the maximum number of times the source was seen in a common color as listed in the AFGL catalog is given. The second character describes the observation within a SPICE or FIRSSE flight. A "2" means that the source was seen twice in a common color on the same flight, and a "0" denotes no common color confirmation. If the object was rescanned but was not confirmed an asterisk "*" designates that the rescan region contained optical contamination or has a calculated signal-to-noise less than 3; a question mark denotes that the calculated signal-to-noise was between 3 and 5 on rescan or the confirming detector was at the end of the array. An S or F means that the source was only scanned once on a SPICE or FIRSSE flight, respectively. Flight-to-flight obser-

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A28. Lee, O.J., Baldwin, R.L., and Hamlin, D.W. (1943) Dearborn Catalog of Faint Red Stars Titanium Oxide Stars in Zones $-4.^{o}5$ to $+13.5^{o}$, Ann. Dearborn Obs. Northwestern U. V(Part 1A).

A29. Lee, O.J., and Bartlett, T.J. (1944) Dearborn Catalog of Faint Red Stars Titanium Oxide Stars in Zones $+13.5^{o}$ to $+40.5^{o}$, Ann. Dearborn Obs, Northwestern U. V(Part 1B).

A30. Lee, O.J., Gore, G.D., and Bartlett, T.J. (1947) Dearborn Catalog of Faint Red Stars Titanium Oxide Stars in Zones 40.5^{o} to $+90^{o}$, Ann. Dearborn Obs., Northwestern U. IV(Part 1C).

A31. Sulentic, J.W., and Tifft, W.G. (1972) The Revised New General Catalog of Non-Stellar Astronomical Objects, U. of Ariz., Tucson, Ariz.

A32. Sharpless, S. (1959) A catalog of HII regions, Astrophys. J. Suppl. IV:257.

vations are denoted by the last character. The asterisk and question mark have the same meaning as for the second character. A number means that the entry is a combination of a FIRSSE and SPICE measurement: "2" denotes a common color with values within 60 percent, "3" a common color with values greater than 60 percent of each other, and "4" no common color.

A8. COLUMNS 15 AND 16 - GALACTIC COORDINATES

The galactic longitude and latitude are listed in columns 15 and 16, respectively, to the nearest tenth of a degree.

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
0 0 44.0	+55 24 24	IRC	.1 .3	-1.4 .3	-2.0 C		M7E	5	60001		Y CAS		3--	116.1	-6.6
0 1 16.1	+66 26 2	SAO	1.0 .3				M4 G	7	70002	9099	DO 44038		3--	118.2	4.3
0 1 45.6	+39 49 53	CIO	1.5 .3				M5.5	8	40001		SV AND		2--	113.2	-21.9
0 1 56.0	+41 50 42	IRC	1.2 .3				M5	9	40002	9105	DO 44062		2--	113.7	-19.9
0 2 26.9	- 1 51 25	SPC		-1.5 .2	-3.9 .2			5001				EO	-S-	97.4	-62.1
0 2 35.5	- 2 8 32	SPC		-.6 .2	-3.2 .2	-2.3 .3		5002				EO	-S-	97.3	-62.4
0 3 34.0	+69 46 36	IRC	1.1 .3	-.2 .2			C	12	70003		OR CEP		3--	119.1	7.5
0 3 53.0	+26 48 42	IRC	1.4 .3				M6E G	13	30002		TT PEG		2--	110.7	-34.7
0 4 17.0	+42 47 54	IRC	.3 .3	-2.5 .3	-3.2 .4		M10	14	40004		KU AND		2--	114.3	-19.1
0 4 21.4	+66 53 25	SPC		.1 .2				5003			HR CEP		-2-	118.6	4.7
0 4 49.8	- 2 11 9	SPC		-1.6 .2	-3.1 .2			5004				EO	-S-	98.4	-62.7
0 5 1.0	-25 46 30	IRC	1.3 .4				M6E	17	-30002		SY SCL		2--	39.9	-80.0
0 6 .3	-17 51 20	SAO	1.4 .3				M1 III	18	-20001	18	GC 129		2--	74.7	-76.2
0 6 29.7	+58 52 27	SAO	.9 .3	.4 C			F2 III	21	60004	21	BET CAS		3--	117.5	-3.3
0 6 47.8	+63 40 33	SAO	.9 .3	-.4 .2			M3EP	22	60005		DO 22804		C--	118.3	1.5
0 7 31.0	+54 35 54	IRC	1.5 .3		-4.3 .5		M8	24	50001		TT CAS		2--	117.0	-7.5
0 7 51.6	+28 22 30	SAO	1.4 .3				M4 G	27	30005		DO 8213		2--	112.2	-33.4
0 8 11.7	+31 57 52	SAO	.4 .2				M7	28	30006		DO 8220		2--	113.0	-29.8
0 8 25.2	-18 51 2	SAO	1.2 .3				M5 III	29	-20003		AC CET		2--	73.4	-77.4
0 9 28.0	-24 50 30	IRC	1.2 .3				M6	32	-20004				1--	46.9	-80.8
0 9 52.6	+ 0 25 43	SPC		-.6 .2	-2.4 .2	-1.9 .3		5005					-S-	102.7	-60.6
0 10 1.4	+72 15 8	SPC			-2.2 .2	-3.0 .3		5006			NGC 40	PLAN. NEB	-22	120.0	9.9
0 10 25.2	- 2 7 11	SPC		-1.1 .2	-3.1 .2	-2.5 .3		5007				EO	-?-	101.3	-63.1
0 10 41.9	+ 0 57 49	SPC		-1.1 .2	-1.9 .2	-2.3 .3		5008				E?	-?-	103.5	-60.2
0 11 39.8	+ 0 6 16	SPC		-.4 .2	-2.5 .2			5009					-S-	103.4	-61.1
0 11 54.2	- 8 3 31	SAO	.2 .3	.4 .2			M3 III	37	-10005	46	AD CET		3--	96.9	-68.8
0 12 .7	+19 55 44	SAO	.2 .3	.0 .2			M2 III	4001	20004	45	CHI PEG		1--	111.3	-41.8
0 12 6.1	-19 12 35	SAO	-.2 .4	-.5 .2		-2.6 .3	M1 III	38	-20006	48	7 CET	AE CET	C--	75.1	-78.2
0 12 51.1	-32 19 22	SAO	-.4 .3	-1.3 .2	-1.9 .2		M6E	40	-30006		S SCL		C--	358.7	-80.8
0 12 59.2	- 0 20 12	SPC		-.4 .2	-2.1 .2	-2.5 .3		5010					-S-	103.8	-61.6
0 13 19.7	+ 0 35 22	SPC		-1.5 .2	-3.1 .2	-2.7 .3		5011				EO	-S-	104.5	-60.7
0 13 24.7	- 0 28 39	SPC		-1.0 .2	-3.2 .2			5012				EO	-S-	103.9	-61.8
0 13 41.4	-39 36 45	SPC			-1.6 .2			5013			IC 1537		-2-	331.7	-75.8
0 13 45.0	- 0 41 22	SPC		-1.0 .2	-3.2 .2	-3.2 .3		5014				EO	-S-	104.0	-62.0
0 14 5.5	+ 1 34 22	SAO	1.1 .3				M5 III	42	6		DO 59		1--	105.4	-59.8
0 14 11.1	+ 9 58 1	SAO	1.3 .3				M2 G	43	10001		DO 60		1--	109.1	-51.7
0 14 15.0	+49 11 3	SAO	1.5 .3				M7	41	50004		DO 23136		2--	117.2	-13.0
0 14 41.1	- 0 50 42	SPC		-1.2 .2	-3.3 .2			5015				EO	-?-	104.3	-62.2
0 15 5.0	+74 19 30	IRC	1.4 .3				M5	45	70007		DO 23047		2--	120.7	11.9
0 15 51.1	- 0 8 34	SPC		-.5 .2	-2.6 .2			5016					-S-	105.4	-61.6
0 16 52.8	- 9 6 3	SAO	.8 .3	-.4 C			K1.5 III	48	-10006	74	IOT CET		3--	99.0	-70.2
0 17 14.0	+44 25 54	IRC	.1 .2	-1.1 .3			C4,5	50	40006		VX AND		2--	117.1	-17.8
0 18 39.3	+59 40 19	CIO	-.1 C	-2.0 C	-3.1 C		M2 IAB	4024S	60008		MZ CAS		1--	119.2	-2.7
0 19 12.6	-40 32 39	SPC		-1.3 .2	-1.8 .2	-2.7 .3		5017	-40003E				-S-	326.2	-75.5
0 19 14.5	-20 20 6	SAO	-1.3 .3	-1.8 .2	-2.7 .2		M5-6SE	53	-20007	85	T CET		C--	77.5	-80.2
0 20 7.0	-66 29 12	AGL		-1.7 .4				4002					1--	307.5	-50.7
0 20 18.5	+38 28 37	SAO	1.3 .3				M4 G	56	40008		DO 8341		2--	116.9	-23.8
0 20 31.2	+55 30 56	SAO	-1.7 .3	-2.9 .2	-3.1 .2	-3.1 .3	M7.5E	57	60009		T CAS		C--	118.9	-6.9
0 21 23.0	+38 18 2	SAO	-.9 .3	-2.9 .3	-3.5 .4		S4,6E	59	40009	90	R AND		2--	117.1	-24.0
0 22 13.0	+69 51 54	IRC	1.2 .4	.2 .2			M6	60	70008		NQ CEP		C--	120.7	7.4

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
0 23 49.0	-42 34 38	SAO	-.3 .3				K0	64	-40004E	99	ALF PHE		2--	320.0	-74.0
0 24 33.6	- 6 52 52	SAO	-.3 .3	-1.3 .2			M7	66	-10009		UY CET		C--	106.1	-68.7
0 24 47.0	+69 22 16	LSK	.6 .4	-2.1 .1	-2.6 .2	-2.7 .3		67			RED STAR		C22	120.9	6.9
0 24 52.5	+35 18 40	CIO	1.0 .3	-1.3 .3			C5,4	68	40010		AQ AND		2--	117.5	-27.0
0 25 26.3	+17 36 59	SAO	-.4 .3	-1.0 .2	-2.5 .4		M4 IIIB	71	20007	103	47 PSC	TV PSC	C--	115.1	-44.6
0 25 27.1	-33 16 59	SAO	-.3 .3	-1.1 .2			M3	70	-30006E	105	ETA SCL		C--	342.4	-82.2
0 26 13.5	+36 20 33	SPC		-1.1 .2	-2.5 .2			5018					-S-	117.9	-26.0
0 26 14.3	+48 8 15	SAO	1.0 .3				M8	73	50007		DO 23365		2--	119.1	-14.3
0 27 29.2	- 4 14 0	SAO	1.2 .4				M0 III	75	10	117	12 CET		1--	109.6	-66.3
0 27 35.5	+42 0 53	SPC			-2.9 .2	-2.9 .3		5019					-S-	118.8	-20.4
0 27 46.6	+82 10 42	WYO	1.2 .3				M6.5	76			AD CEP		2--	122.2	19.6
0 28 19.1	+42 6 23	SPC		-1.1 .2	-2.2 .2			5020					-S-	118.9	-20.3
0 28 39.4	+42 2 9	SPC			-2.8 .2	-2.9 .3		5021					-S-	119.0	-20.4
0 29 42.6	+41 2 56	SPC		-1.4 .2	-2.9 .2			5022				EO	-S-	119.1	-21.4
0 29 43.0	+25 45 0	IRC	.9 .3	.3 .2			M6E	82	30012		TU AND		1--	117.6	-36.6
0 30 9.9	+35 54 34	SPC		-.5 .2	-2.6 .2			5023				E?	-S-	118.7	-26.5
0 30 51.7	+41 6 9	SPC		-1.0 .2	-2.6 .2	-4.0 .3		5024				EO	-S-	119.3	-21.4
0 31 45.7	+36 26 3	SPC		-1.3 .2	-3.0 .2			5025				EO	-S-	119.1	-26.0
0 32 3.4	+35 46 49	SPC		-.9 .2	-2.9 .2			5026					-S-	119.2	-26.7
0 32 21.5	- 8 33 54	SPC		-2.3 .2	-3.8 .2	-4.0 .3		5027			NGC 158	NF RNGC	-S-	110.4	-70.8
0 32 52.3	+36 22 46	SPC		-.8 .2	-2.6 .2			5028				EO	-S-	119.4	-26.1
0 33 59.9	+48 40 37	SAO	1.0 .3				M5	88	50010		SVS 5864		2--	120.5	-13.8
0 34 2.9	+44 12 47	SAO	1.2 .3				K7 III	89	40011	152	GC 726		2--	120.2	-18.3
0 34 9.2	+35 37 39	SPC		-.1 .2	-2.7 .2			5029				E?	-S-	119.6	-26.9
0 34 24.5	-29 56 31	SPC			-2.0 .2	-2.2 .3		5030					-?-	353.7	-85.9
0 34 34.0	+53 25 30	IRC	1.7 .3				M8	90	50011		DO 23568		2--	120.8	-9.1
0 34 51.0	+41 11 46	SPC		-.8 .2	-2.0 .2	-3.2 .3		5031					-S-	120.1	-21.3
0 34 53.2	+45 19 45	SAO	1.3 .3				M5	4005	50012		BZ AND	EO	1--	120.4	-17.2
0 35 12.4	+35 38 50	SPC			-3.2 .2	-2.6 .3		5032				EO	-S-	119.9	-26.9
0 35 50.2	+35 33 2	SPC			-3.0 .2	-5.1 .3		5033				EO	-S-	120.0	-27.0
0 36 17.0	+59 24 0	IRC	1.4 .3	-.0 .2			M6.5	92	60015		FZ CAS		C--	121.4	-3.2
0 36 38.9	+30 35 16	SAO	.2 .3	0.0 C			K3 III	94	30014	165	DEL AND		1--	119.9	-31.9
0 36 53.0	+37 56 36	IRC	1.6 .3				M6	96	40012		DO 8439		2--	120.4	-24.6
0 37 10.8	+41 7 26	SPC		-.4 .2	-2.6 .2			5034					-S-	120.6	-21.4
0 37 31.9	+59 14 23	SAO	1.7 .4				M1	99	60016		NX CAS		3--	121.5	-3.3
0 37 39.3	+56 15 49	SAO	-.5 .3	-.5 .4			K0 IIIA	100	60017	168	ALF CAS		4--	121.4	-6.3
0 37 59.8	+41 4 32	SPC		-.7 .2	-3.1 .2			5035					-S-	120.8	-21.5
0 39 .9	+41 1 55	SPC		-.9 .2	-2.9 .2			5036				EO	-S-	121.0	-21.5
0 40 2.0	+41 0 0	CIO	1.8 .3					104	40013	182	NGC 224	GALAXY	2--	121.2	-21.6
0 41 4.8	-18 15 39	SAO	-.6 .3	-.6 .2			K1 III	106	-20010	188	BET CET		2--	111.3	-80.7
0 42 50.0	+68 54 36	IRC	.9 .4	-1.3 .2	-1.9 .2		S	107	70012		V524 CAS		C22	122.4	6.3
0 43 55.7	+15 12 12	SAO	-.1 .3	-.8 .2			M4 IIIA	108	20012	211	57 PSC		1--	121.2	-47.4
0 44 21.3	+86 32 0	FIR			-1.7 .2			5037					-2-	122.9	23.9
0 44 35.3	+32 24 26	CIO	1.2 .3	-.7 .2	-1.6 .2		S6,2E	109	30015		RW AND		C2-	121.9	-30.2
0 45 5.7	-25 33 40	CIO	4.0 C	-.0 .2	-2.3 .2	-3.4 .3		5038			NGC 253	GALAXY-SC	-S-	97.4	-88.0
0 45 50.4	-25 30 48	SPC		-.0 .2	-1.9 .2	-3.1 .3		5039					-S-	102.3	-88.0
0 46 3.4	+57 33 3	SAO	1.5 .3	1.9 C			G0 V	112	60019	219	ETA CAS		2--	122.6	-5.0
0 46 5.1	+ 7 18 48	SAO	.6 .3	-.5 .2			K5 III	111	10007	224	DEL PSC		C--	121.7	-55.3
0 46 18.8	+56 48 10	SAO	1.5 .4	2.0 C			M2 III	113	60021		DO 23796		3--	122.6	-5.8
0 46 39.9	-23 35 15	SPC			-2.0 .2	-2.6 .3		5040					-S-	115.0	-86.2

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
0 48 15.9	+61 32 2	SAO	1.1 .3	1.0 C			K2 IB	117	60022	237	DO 23820		2--	122.9	-1.1
0 48 24.2	+62 38 57	SAO	.9 .3	-.5 .2	-1.4 .2		M6 G	116	60023		VY CAS		C2-	122.9	.0
0 48 41.5	-24 1 2	SPC			-2.8 .2	-1.6 .3		5041					-S-	121.8	-86.6
0 49 14.5	+56 17 6	AGL	1.6 .3	-.4 .2	-1.7 .2	-2.9 .3		119			IC 1590		C2-	123.0	-6.3
0 49 21.2	+59 27 15	SAO	1.3 .4	1.5 C			M4	120	60024		V451 CAS		3--	123.0	-3.1
0 49 54.2	+47 9 22	CIO	1.2 .3	.2 .2			M6SE	122	50016		RV CAS		C*-	123.2	-15.4
0 50 2.8	+49 25 55	SAO	1.5 .3				M6	4008	50017		SVS 5876		1--	123.2	-13.2
0 50 7.6	+69 41 6	SAO	1.5 .3				M6	121	70013		DO 23858		3--	123.1	7.1
0 50 26.0	+17 15 42	AGL	1.2 .3	.3 C				124					1--	123.5	-45.3
0 50 27.0	- 1 24 55	SAO	.7 .3	.9 C			M0 IIIA	123	13	248	20 CET		1--	123.8	-64.0
0 52 1.0	+58 42 9	SAO	1.6 .4				K2 III	128	60027	253	UPS1 CAS		3--	123.4	-3.9
0 52 14.0	+48 24 29	SAO	1.2 .3	-.4 C			M3	127	50020	256	DO 23892		2--	123.6	-14.2
0 52 33.7	+24 17 12	SAO	.9 .3	.8 C			M4 IIIAB	129	20014	259	DO 8568		2--	124.0	-38.3
0 53 40.2	+58 54 41	SAO	1.7 .3				G8 III	135	60030	265	UPS2 CAS		2--	123.6	-3.7
0 53 40.3	+60 26 47	SAO	1.4 .4	.8 C	.5 W		B0.5E IV	133	60031	264	GAM CAS		3--	123.6	-2.1
0 54 10.0	+48 25 42	IRC	.9 .3				M5	134	50021		KS CAS		3--	123.9	-14.2
0 54 31.9	+23 8 53	SAO	1.8 .3				G8 III	136	20015	271	ETA AND		2--	124.6	-39.4
0 54 43.0	+58 8 6	IRC	.8 .4	-.2 .2	-1.2 .2	-1.8 .3	M5	137	60032		DO 23918		C2-	123.8	-4.5
0 57 14.0	+ 6 12 50	SAO	1.6 .4				M2 G	4071S	10008	284	WW PSC		1--	126.7	-56.3
0 57 53.5	+56 20 37	SAO	.9 .3	-.1 .2			M5	141	60033		V365 CAS		2*-	124.2	-6.2
0 58 7.2	- 1 55 39	SAO	1.1 .3	1.4 C			M6	143	14		DO 137		1--	128.3	-64.4
0 59 14.1	+51 25 3	SPC		-3.2 .2	-4.9 .2	-5.4 .3		5042				EO	-S-	124.6	-11.2
1 0 12.5	+52 52 20	SAO	1.2 .3				M5	147	50023		DO 23993		2--	124.7	-9.7
1 1 3.8	+74 34 0	SAO	.4 .3	-1.1 .2	-1.6 .2		M5	149	70016		DO 23987		C*4	123.8	12.0
1 2 32.1	+18 55 49	SAO	1.6 .3				M5	152	20017		DO 8641		1--	127.4	-43.6
1 2 38.0	+85 57 24	AGL	1.3 .3					153					3--	123.3	23.4
1 3 4.0	-31 57 42	IRC	1.1 .3	-.2 .2			M9	156	-30013		AD SCL		2--	270.0	-84.5
1 3 14.0	+65 31 42	IRC	1.3 .4				M4	154	70017		DO 24036		2--	124.5	3.0
1 3 49.0	+12 18 42	IRC	-.4 .3	-3.4 .2	-4.9 .2	-5.0 .3	M10	157	10011		WX PSC		C--	128.7	-50.1
1 4 21.2	+65 4 49	SPC			-1.8 .2	-2.9 .3		5043					-22	124.6	2.5
1 5 7.8	+63 19 11	SAO	1.6 .3	.4 .2	-1.5 .2		M4 IA	160	60039		HS CAS		2--	124.8	.8
1 6 4.4	-10 26 48	SAO	.4 .3				K3 III	161	-10018	334	ETA CET		3--	137.1	-72.6
1 6 25.0	- 5 50 48	AGL	1.3 .3					162					1--	134.7	-68.1
1 6 55.5	+35 21 22	SAO	-2.0 .3	-2.3 .2	-2.1 .2	-2.2 .3	M0 IIIA	164	40019	337	BET AND		C2-	127.1	-27.1
1 7 7.0	+65 51 0	IRC	1.2 .3	.4 C	-.8 .2		K0	163	70018				C?4	124.9	3.3
1 7 32.1	+15 24 30	SAO	1.7 .4				M0 III	165	20018	344	DO 8669		2--	129.6	-47.0
1 8 4.0	+53 28 0	IRC	.8 .3	-1.4 .2	-.9 C		C4,3E	167	50030		HV CAS		C--	125.9	-9.0
1 8 30.0	+30 22 0	IRC	1.3 .3	-1.1 .2	-1.9 .2		M9	168	30021				C--	128.0	-32.0
1 8 48.4	-13 46 8	SAO	1.2 .3	.3 C			M5 III	169	-10019		AM CET		3--	142.7	-75.6
1 9 39.0	- 3 40 54	AGL	1.9 .3					172					1--	135.6	-65.8
1 10 2.0	+67 32 36	IRC	1.5 .3				M5	175	70019		DO 24136		2--	125.0	5.0
1 10 32.0	+62 41 30	IRC	0.0 .3	-1.4 .2	-1.5 .2		C6,3	177	60041		DO 24139		C--	125.5	.2
1 11 3.7	+26 52 7	SAO	1.3 .3				M5 G	179	30023		RT PSC		1--	129.0	-35.5
1 11 41.7	- 2 26 38	SAO	.7 .3				M4	182	17		AN CET		1--	136.2	-64.5
1 11 51.0	+66 24 12	IRC	1.2 .3	1.6 C	-.6 .2		M4	184	70020		DO 24265		5?*	125.3	3.9
1 11 59.9	- 7 32 40	SPC		.1 .2	-1.9 .2			5044					-S-	139.4	-69.4
1 12 34.1	+71 28 48	SAO	1.0 .3				K4	186	70021		DO 24161		4--	124.9	9.0
1 13 21.0	+25 30 20	SAO	.3 .3	-.2 .2			C7,2	188	30025		Z PSC		C--	129.9	-36.8
1 14 26.3	+66 58 8	GH		-.6 .2	-3.4 .2	-3.5 .3	C	190					C-3	125.5	4.5
1 14 32.0	+59 2 36	IRC	1.3 .3				M6.5	189	60042		BQ CAS		3--	126.3	-3.4

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
1 14 43.1	+13 39 8	SAO	1.1 .3				M5	192	10013		DO 187		1--	132.4	-48.5
1 14 59.4	+ 8 38 51	SPC		-.5 .2			M7E	5045	10014		S PSC		-S-	133.8	-53.4
1 15 5.6	+57 32 25	SAO	.1 .2	-.9 .2	-1.4 .2		M5	193	60043		V465 CAS		2--	126.5	-4.9
1 15 6.5	+83 53 6	FIR			-1.3 .2			5046					-2-	123.7	21.3
1 15 50.5	-17 13 34	SPC		-.3 .2	-2.7 .2	-2.5 .3		5047					-S-	155.7	-78.1
1 15 57.7	+72 20 56	SAO	-.1 .3	-2.9 .2	-3.4 .2	-3.4 .3	S3,4-S5,8E	194	70024		S CAS		C22	125.1	9.9
1 16 5.0	+35 29 54	AGL	1 7 .3					195					1--	129.2	-26.8
1 16 18.6	+56 4 1	SAO	1.2 .3				M6 G	197	60044		AA CAS		3--	126.8	-6.3
1 17 .6	+63 45 47	SAO	1.3 .3				M4	200	60047		DO 24231		2--	126.1	1.3
1 18 40.0	+66 35 0	IRC	1.5 .3				S	203	70026		5,32		2--	125.9	4.2
1 19 55.7	+61 35 20	AGL	2.2 .8	-1.4 .2	-1.9 .2	-4.5 .3		205			SHARP. 187		C-2	126.7	-.8
1 20 47.0	- 9 0 42	AGL	1.6 .3	.5 C	-.2 C			208					1--	146.7	-70.1
1 21 31.4	- 8 26 27	SAO	.9 .3	.4 .2			K0 IIIB	210	-10021	402	THE CET		2--	146.6	-69.5
1 21 42.6	+23 40 44	SPC		-.6 .2	-1.6 .2		M7	5048	20023		DO 8748		-S-	132.6	-38.3
1 21 47.0	+60 48 30	IRC	1.2 .3	-.6 .2	-1.2 W		M8	211	60048		BT CAS		C--	127.0	-1.5
1 24 26.0	+16 40 30	AGL	1.7 .3					214					1--	135.1	-45.1
1 24 40.0	-32 48 7	SAO	-.9 .3	-1.9 .3			C6,4	215	-30015	423	R SCL		2--	250.2	-80.6
1 25 8.0	+16 26 42	IRC	1.5 .3	-.3 C	-1.2 C		M6	216	20025		ST PSC		2--	135.4	-45.3
1 25 33.4	+51 25 15	SAO	2.5 W	1.9 W			M6	220	50036		DO 24371		2--	128.8	-10.8
1 25 48.7	+64 46 30	SPC	1.8 C	-.2 .2	-.7 .2		M7	5049	60052				-?4	126.9	2.5
1 26 11.8	-43 34 26	SAO	-.7 .4	-1.5 .4			K5	218	-40010E	429	GAM PHE		1--	280.5	-72.2
1 26 44.7	+10 28 2	SPC			-2.2 .2			5050					-2-	137.9	-51.0
1 27 33.7	+ 5 53 12	SAO	1.1 .3	.5 .2			K4 III	224	10017	434	MUU PSC		2--	140.1	-55.4
1 28 3.4	+ 2 37 28	SAO	1.2 .3	-.4 .2	-.1 W		M5E	226	19		R PSC		C2-	141.9	-58.5
1 28 37.8	+62 4 20	SAO	1.3 .3	.1 .2			M3	227	60053		IM CAS		C--	127.6	-.2
1 28 48.2	+15 5 19	SAO	1.1 .3				G8 III	228	20026	437	ETA PSC		1--	137.0	-46.4
1 30 27.2	+62 11 31	KLM	1.6 .3	-1.6 .2	-3.4 .2	-3.8 .3	M0	230			DO 24582		C22	127.8	-.0
1 31 16.4	+65 32 31	SAO	1.1 .3				M7	231	70029		SVS 5931		3--	127.4	3.3
1 34 6.1	+ 7 34 36	SAO	1.4 .3				M4	236	10019		SVS 100126		2--	142.0	-53.4
1 34 54.6	+48 22 33	SAO	.5 .3	-.7 .2			K3 III	237	50041	464	51 AND		1--	130.8	-13.5
1 35 27.7	+65 15 45	SAO	1.4 .3	-.6 .4			M5	240	70030		DO 24571		2--	127.8	3.1
1 38 49.6	+ 5 14 7	SAO	.9 .3				K3 III	243	10020	489	NUU PSC		1--	145.1	-55.2
1 39 57.0	+28 18 0	AGL	1.6 .3					245					1--	136.4	-33.0
1 43 36.5	+61 9 2	SPC			-1.4 .2		F5-F8	5051			BY CAS		--2	129.5	-.8
1 43 42.0	+10 7 0	IRC	2.0 .3				M4	247	10022		DO 294		2--	144.3	-50.2
1 43 55.5	+18 48 56	SPC		-1.0 .2	-1.9 .2		M6	5052	20029		SV PSC		-2-	140.6	-41.9
1 44 7.7	+64 17 36	AGL	1.0 .3	-.7 .2	-1.2 .2		M4	248			DO 24787		C23	128.9	2.3
1 44 10.0	+24 59 5	SPC		-1.2 .2	-2.2 .2			5053					-?-	138.5	-36.0
1 45 .4	+25 28 1	SPC		-1.0 .2	-2.1 .2	-2.1 .3		5054					-?-	138.6	-35.4
1 47 14.1	+53 29 43	SAO	.3 .3	.1 .2			M5 II	253	50046		TT PER		C--	131.7	-8.1
1 47 23.4	- 5 6 25	SAO	1.3 .3				MC	252	-10025		AQ CET		2--	157.6	-63.7
1 47 38.2	+64 36 27	SAO	1.2 .3				K4 IB	251	60066		DO 24852		2--	129.2	2.7
1 47 49.1	-13 8 4	SAO	1.3 .3	.2 .2			M2	254	-10026		GC 2224		C?-	169.8	-70.2
1 48 9.0	-17 53 30	IRC	1.4 .3				M5	4011	-20019				1--	181.2	-73.4
1 48 44.5	+38 53 38	SAO	1.4 .3				M5	257	40030		DO 8951		1--	135.5	-22.3
1 48 48.6	+89 1 44	SAO	.5 .3				F8 IB	273		424	ALF UMI		6--	123.3	26.5
1 48 59.4	-10 34 53	SAO	.9 .3				K2 III	255	-10027	539	ZET CET		3--	165.9	-68.0
1 49 41.0	- 2 31 24	AGL	1.6 .3					4012					1--	155.9	-61.2
1 50 32.2	+59 54 27	SAO	1.2 .3				M4 III	259	60067		SVS 100140		2--	130.6	-1.8
1 51 38.6	-46 32 49	SAO	-.6 .4				M4 III	261		555	PSI PHE		1--	274.3	-67.2

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
1 51 43.6	+ 8 32 9	SAO	1.3 .3	1.6 C			M4	262	10023		SVS 100145		2--	148.1	-51.0
1 51 58.8	+ 4 28 0	EIC	1.5 .4	-.1 .4			M7	4148S	28		AA PSC		1--	150.9	-54.7
1 52 29.5	+69 57 34	SAO	1.1 .3	-.1 .2	-.8 .2		M4	265	70032		V391 CAS		4?4	128.4	8.0
1 52 47.6	+16 56 41	SAO	1.2 .3	-.2 .2			M6	4013	20032		DO 8984		1?-	144.1	-43.0
1 53 36.6	- 3 51 24	SPC			-3.2 .2	-3.3 .3		5055				EO	-S-	159.1	-61.9
1 54 19.7	-22 46 13	SAO	1.5 .4	1.8 C			K4 G	272	-20021	565	56 CET		3--	199.2	-74.5
1 54 52.9	+27 33 43	SAO	1.2 .3	1.3 C			M2 G	274	30032	564	DO 8991		1--	140.4	-32.8
1 55 10.7	+30 53 31	SAO	-.1 .3	-.8 .2			M5 III	276	30033		DO 8992		C2-	139.3	-29.6
1 55 16.0	-48 45 18	AGL	.4 .4					277					1--	276.5	-65.1
1 55 37.3	+45 11 32	SAO	-1.5 .3	-2.7 .2	-3.8 .2	-3.8 .3	M8	278	50049		DO 25105		C--	135.1	-15.8
1 55 58.0	- 7 19 18	SAO	1.6 .3				M	279	-10028		GC 2380		2--	164.4	-64.4
1 56 14.8	+54 34 49	SAO	.3 .2	-.0 .2			M5.5E	280	50050		U PER		C--	132.7	-6.7
1 57 5.4	-14 6 54	SAO	1.5 .4			-2.4 .3	M3 G	283	-10029		GC 2403		2--	176.5	-69.3
1 57 17.6	+12 22 58	SPC			-3.5 .2			5056			NGC 781	GALAXY EO	-S-	147.8	-46.9
1 57 25.0	-21 4 0	SAO	.8 .3	-.6 .4			M1 G	284	-20023	583	57 CET		3--	194.6	-73.2
1 57 38.9	-21 19 10	SAO	-.2 .3	-.9 .4			M1 G	286	-20024	585	UPS CET		2--	195.5	-73.2
1 57 45.5	+ 6 2 5	SPC		.2 .2	-2.1 .2			5057					-S-	152.0	-52.7
1 57 50.0	+63 54 0	IRC	1.5 .3	-.8 .5	-.9 .2		M4	285	60071		DO 25157		4?*	130.5	2.3
1 57 57.8	- 8 45 54	SAO	-.6 .3	-.9 .2	-.8 C		M3 III	287	-10030	587	AR CET		C--	167.4	-65.3
1 58 3.4	+12 3 58	SPC			-1.8 .2	-2.5 .3		5058					-S-	148.3	-47.1
1 58 22.9	+61 39 52	SAO	1.6 .4				M3	289	60072		SVS 102367		3--	131.1	.2
1 58 44.0	+ 0 14 36	AGL	1.4 .3					4014					1--	157.1	-57.7
1 59 47.2	+54 59 32	SAO	1.2 .3	-1.2 .2	-1.2 .2		M4 IB	4153S	50052		XX PER		12-	133.1	-6.2
1 59 53.4	+13 14 11	SAO	.8 .3	.8 C			M2 G	290	10024	601	DO 355		1--	148.2	-45.9
2 0 .3	+ 7 26 12	SAO	-.2 .3	-1.5 .2	-1.8 .2	-1.9 .3	M7	292	10025		DO 358		C2-	151.8	-51.2
2 0 12.2	- 0 46 33	SPC		-.4 .2	-2.6 .2			5059				EO	-?-	158.7	-58.4
2 0 49.2	+42 5 27	SAO	-.9 C	-1.2 .2	-.7 C	-1.9 .3	K3 IIB	294	40034	603	GAM1 AND		C2-	137.0	-18.6
2 1 7.2	- 0 34 22	SPC			-3.3 .2	-2.9 .3		5060				EO	-?-	158.8	-58.1
2 1 9.3	- 4 20 32	SAO	1.2 .3				K5 C	295	29	611	GC 2485		2--	162.9	-61.2
2 3 23.6	+18 36 2	SPC		-1.5 .2	-1.4 .2	-2.5 .3		5061				EO	-?-	146.5	-40.6
2 3 27.0	-28 1 12	AGL	<.6 .4					4015					1--	219.5	-73.5
2 3 38.2	-10 27 2	SAO	.7 .3	-.3 .2	-1.1 C		M2	297	-10032		UZ CET		C--	172.6	-65.6
2 4 .2	+ 4 52 54	SPC			-3.2 .2	-2.2 .3		5062				EO	-?-	155.1	-53.0
2 4 14.0	-67 45 0	AGL		-2.1 .4				4016					1--	292.5	-48.1
2 4 20.9	+23 13 36	CIO	-0.7 C	-.8 .2	-1.2 .2		K2 IIIAB	5063	20038	617	ALF ARI		-S-	144.6	-36.2
2 4 25.9	+ 4 47 16	SPC			-3.2 .2	-2.2 .3		5064					-S-	155.4	-53.0
2 4 34.5	- 3 10 2	SPC			-1.8 .2	-2.0 .3		5065					-+-	163.0	-59.8
2 4 38.9	+60 31 35	SPC			-2.5 .2	-3.4 .3		5066				E?	-22	132.2	-.7
2 5 23.0	+51 34 12	IRC	.4 .3				M7	299	50054		V402 PER		1--	134.9	-9.3
2 5 58.2	+ 5 46 25	SPC			-4.0 .2	-2.5 .3		5067				EO	-S-	155.2	-52.0
2 6 23.4	-18 0 55	SAO	1.2 .3				M0	301	-20027	625	GC 2569		2--	189.3	-69.9
2 6 50.3	+ 5 50 2	SPC			-4.1 .2			5068			NGC 831	GALAXY EO	-S-	155.4	-51.8
2 7 51.0	+19 15 56	SAO	.6 .3				M3 IIIAB	303	20041	631	15 ARI		1--	147.4	-39.6
2 8 40.0	+63 56 6	IRC	1.1 .3	.3 C	-.7 .2		M6	305	60075		DO 25383	SHARP. 189	52-	131.6	2.7
2 12 14.3	+58 2 22	SPC		-1.1 .2				5069			SVS 201		-S-	133.9	-2.8
2 13 29.0	+ 0 17 24	AGL	1.4 .3					4019					1--	162.7	-55.7
2 14 21.0	+44 4 12	IRC	-.8 .3	-1.4 .2	-2.0 .2	-2.2 .3	S8,2E	310	40037	663	W AND		C2-	138.8	-15.9
2 14 41.0	+78 32 6	IRC	1.0 .4	-.7 .2	-.9 .2	-1.7 .3	M9	311	80005		AG CEP		C-3	127.3	16.7
2 15 20.9	+57 11 29	CIO	1.4 .3	-.5 .2	-1.1 .2		M4 IB	313	60078		BU PER		C22	134.5	-3.5
2 15 39.1	+31 53 50	SAO	1.8 .4	-.4 .2			M6	4179S	30038		DO 9167		1--	143.6	-27.2

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
2 15 44.3	-14 21 50	SAO	1.2 .3				M5.5 G	314	-10033		AS CET		3--	184.5	-66.0
2 16 36.0	+24 12 18	AGL	1.4 .3					317					1--	147.3	-34.2
2 16 49.0	- 3 12 13	SAO	<-3.9 .2	-5.2 .2	-6.1 .2	-6.3 .3	M5.5E	318	30	681	OMI CET	VZ CET	C--	167.8	-58.0
2 16 57.0	+56 45 51	SAO	1.9 .5	.3 .2	.3 C		M3 IAB	4182S	60082		AD PER		C2-	134.9	-3.8
2 18 1.0	+60 40 36	IRC	1.3 .3				M6	319	60084		DE CAS		2--	133.7	-.1
2 18 35.2	+56 22 35	CIO	1.4 C	-.5 .2	-1.5 .2		M3-4 IAB	5070	60086		SU PER		-22	135.2	-4.1
2 18 51.3	+56 52 55	SAO	.7 .4	-1.0 .2	-1.3 .2		M4 IAB	320	60087		RS PER	NGC 884	C22	135.1	-3.6
2 19 14.8	+61 38 18	SPC			-1.5 .2	-2.4 .3		5071				E?	-22	133.5	.9
2 19 15.1	+58 21 34	SAO	.2 .3	-2.7 .2	-3.8 .2	-3.9 .3	M4 IA	323	60088		S PER		C22	134.6	-2.2
2 19 22.7	+ 0 10 6	SAO	.7 .3	-2.5 C			M2 G	321	31	689	69 CET		3--	164.9	-54.9
2 19 23.0	-53 53 18	AGL		-3.0 .4	-4.6 .4			4020					1--	277.1	-58.7
2 21 47.0	+57 12 43	SAO	1.2 .4	-.3 .2	-.5 W		M2 IAB	327	60090		MWC 713		C--	135.3	-3.2
2 21 53.2	+61 52 21	WYO	1.0 .3	-3.7 .2	-6.8 .2	<-8.2 .3		326			NGC 896	H II EO	C22	133.7	1.2
2 22 16.5	+50 3 13	SAO	.8 .3				K4 III	4022	50060	699	65 AND	EO	1--	137.9	-9.8
2 23 13.0	+62 3 1	AGL		-2.0 .2	-4.9 .2	-4.1 .3		328			W 3		C22	133.8	1.4
2 23 16.5	+61 38 58	WYO		-1.7 .2	-3.4 .2	-5.6 .3		331			W 3 OH		C22	133.9	1.1
2 23 44.2	+60 29 49	CIO	1.1 .3	-1.3 .2	-1.8 .2	-2.8 .3	M2 IAB	332	60091				C22	134.4	.0
2 24 19.4	+15 19 21	SPC			-2.5 .2	-2.9 .3		5072					-S-	154.3	-41.4
2 24 31.0	+61 17 54	AGL		-1.1 .2	-2.3 .2	-3.3 .3		333			W 4	EO	C22	134.2	.8
2 24 34.9	+15 14 23	SPC		-.1 .2	-2.9 .2	-3.5 .3		5073				EO	-S-	154.4	-41.5
2 25 3.0	+51 3 24	IRC	.4 .3	-.7 .2	-1.6 .2		M6E	335	50062		RR PER		C23	138.0	-8.7
2 26 58.0	-26 19 6	IRC	-.8 .3	-2.6 .3			C4,3E	337	-30021		R FOR		3--	215.8	-68.2
2 28 16.0	-22 45 59	SAO	1.4 .4		-2.9 .5		M1 G	339	-20033	735	GC 3015		3--	206.9	-67.1
2 29 3.5	+76 29 57	SAO	1.1 .4	.0 .2			M4	340	80006		GC 3033		4--	128.9	15.0
2 29 21.1	+57 48 53	GH	3.0 C	-1.1 .2	-2.3 .2	-2.8 .3	C	341					C22	136.1	-2.2
2 29 35.1	+61 18 4	SPC			-.8 .2	-2.5 .3		5074			HD 15629		-22	134.8	1.0
2 30 13.1	+45 26 6	SAO	-.3 .3	-1.8 .2	-2.6 .2	-1.8 .3	M6 III	347	50068		UX AND		C2-	141.0	-13.6
2 31 19.6	-13 22 2	SAO	1.7 .3	1.4 C			M4E	348	-10035		U CET		2--	187.7	-62.3
2 31 43.0	+64 56 36	IRC	.2 .3	-2.7 .2	-4.2 .2	-3.5 .3	M8	349	60092		CIT 4		C23	133.6	4.5
2 31 58.0	+12 36 12	SPC		-.4 .2	-2.1 .2			5075					-S-	158.3	-42.8
2 32 38.0	+53 16 6	IRC	1.2 .3	.6 C	-.3 C		M6	350	50069		EE PER		1--	138.2	-6.2
2 32 44.2	+34 28 14	SAO	.3 .3	-.4 .2	-1.4 .2		M3 IIIA	351	30043	750	15 TRI		C?-	146.1	-23.4
2 32 53.0	-70 53 24	AGL		-2.1 .4				4024					1--	291.5	-44.1
2 33 3.6	-42 19 50	SAO	.7 .4				M3	352	-40016E		GC 3112		1--	255.0	-64.1
2 33 32.2	- 8 2 53	SAO	1.2 .3				M0 G	354	-10037	759	80 CET		3--	179.9	-58.6
2 34 1.5	+34 3 8	SAO	-.1 .3	-.7 .2	-1.2 .2		M4+E	355	30044	758	R TRI		C2-	146.6	-23.7
2 34 31.1	+54 22 47	SPC		-.4 .2	-1.6 .2	-2.4 .3		5076					-23	138.1	-5.1
2 34 46.8	+55 49 49	SAO	1.7 C	-.4 .2	-1.6 .2		M2 IAB	4210S	60093		YZ PER		C-2	137.1	-2.8
2 35 8.0	-27 11 24	IRC	-.3 .3	-2.7 .4	-3.4 .4		M9	357	-30023				4--	218.7	-66.5
2 36 1.2	+80 55 26	GCV	1.6 .4				M6E	360			RR CEP		3--	127.3	19.2
2 36 4.6	+59 22 58	CIO	1.3 .3	-.1 .2	-1.2 .2		M2 IAB	359	60094		GP CAS	SHARP. 195	322	136.3	-.4
2 36 16.0	+60 12 18	AGL		-2.0 .3	-3.1 .5			361					2--	136.0	.3
2 36 52.8	+39 37 13	SAO	.9 .3				M7	365	40047		DO 9448		1--	144.6	-18.4
2 38 .7	+30 59 10	SAO	.9 .3	.2 .2			M5E	367	30046		Y ARI		1?-	148.9	-26.1
2 39 20.3	+62 43 42	AGL			-2.0 .2	-2.9 .3		5077					-2-	135.3	2.8
2 39 55.0	- 5 46 36	AGL	1.9 .3					369			NGC 1063	GALAXY	2--	178.7	-55.9
2 40 15.6	- 0 13 53	AGL	4.8 C	.5 C	-2.6 .2	-2.3 .3		4220S			NGC 1068	SEYFERT	C--	172.2	-51.9
2 40 44.0	+36 2 42	IRC	2.3 C	-.8 .2	-1.7 .2		M2	371	40049		TV PER		C--	147.0	-21.3
2 42 13.0	-29 24 36	IRC	1.3 .3				M6	372	-30025		ST FOR		3--	224.4	-65.1
2 42 43.0	+62 48 6	IRC	.7 .3	-.5 .2	-1.3 .2		M6	373	60095		CQ CAS		C24	135.6	3.0

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
2 43 27.5	+61 45 47	SPC		.1 .2		-2.0 .3		5078			SHARP. 192		-22	136.1	2.1
2 43 43.1	+ 5 25 7	SPC			-2.6 .2	-1.9 .3		5079					-S-	167.5	-47.1
2 43 43.5	+ 5 51 24	SPC		-.7 .2	-1.9 .2			5080					-S-	167.1	-46.7
2 44 15.8	+69 22 52	SPC			-1.1 .2		A2 V	5081			RZ CAS		--3	132.9	9.0
2 44 36.2	+60 20 34	SPC			-1.0 .2	-2.3 .3		5082			V496 CAS		-24	136.8	.9
2 44 47.6	+45 44 7	SPC				-2.3 .3		5083					--2	143.2	-12.3
2 44 55.5	+29 2 27	SAO	1.7 .3	1.8 C			K1 III	377	30050	824	39 ARI		1--	151.4	-27.1
2 45 32.0	+17 18 7	SAO	-.3 .2	-1.1 .2	-1.7 .2		M6E	379	20049		T ARI		C--	158.7	-37.1
2 45 32.1	-12 40 4	SAO	.2 .3	-1.0 .4			M4 III	378	-10040	832	Z ERI		4--	190.4	-59.0
2 45 44.2	+60 30 4	SPC		-1.0 .2	-2.0 .2	-2.9 .3		5084				EO	-22	136.9	1.1
2 46 2.0	+61 46 29	FIR			-2.1 .2	-3.3 .3		5085					-2-	136.4	2.2
2 46 8.0	+60 49 36	IRC	.9 .3				M1 RED	380	60096		3,29		1--	136.8	1.4
2 46 55.3	+56 46 37	SAO	.7 .3	-1.2 .2	-2.4 .2	-2.0 .3	M3 IA	381	60097		W PER		C22	1[illegible]	-2.2
2 47 0.0	+60 32 42	IRC	1.8 .5				M5	4026	60098		V499 CAS		2--	[illegible]	1.2
2 47 1.9	+55 41 23	SAO	-.2 .3	-.3 .2	-1.2 .2		M3 IB	382	60099	834	ETA PER		C2-	[illegible]	-3.2
2 47 12.0	-45 3 36	AGL	.8 .4					383					1--	251.8	-60.6
2 47 18.8	+57 39 6	CIO	1.5 .3	-.0 .2	-1.1 .2		M2 IAB	384	60100		DO 26272		322	[illegible]	-1.4
2 47 19.0	+59 1 24	IRC	1.3 .4				M6	4027	60101		GS CAS		2--	[illegible]	-.2
2 48 25.5	+34 51 19	SAO	.4 .3	.1 .2			K7 III	385	30051	843	17 PER		1--	149.1	-21.6
2 48 50.0	+53 48 24	SAO	.9 .3				M5	386	50076		SVS 6002		2--	[illegible]	-4.8
2 49 47.1	- 8 28 17	SAO	.1 .3				M5 III	392	-10041		RR ERI		3--	185.2	-55.8
2 50 19.6	+74 6 39	SAO	1.5 .4		-.6 .2	-2.0 .3	M6	393	70039		DO 26303		6[illegible]	[illegible]	13.5
2 51 4.9	+ 9 7 58	SAO	0.0 .2	-.4 .2			M6	396	10033		DO 487		2--	[illegible]	-43.0
2 52 15.6	+64 7 51	SAO	1.0 .4				K3 IB	4028	60104	861	SVS 100245		1--	[illegible]	[illegible]
2 52 59.6	+18 7 49	SAO	-1.4 .3	-1.6 .2	-2.4 .2		M6 III	401	20051	867	45 ARI	RZ ARI	C2-	[illegible]	-36.5
2 53 19.0	+54 26 24	IRC	.1 .3	-.4 .2	-1.4 .2		M6	400	50080		ER PER		C-2	[illegible]	[illegible]
2 53 21.4	+60 28 54	SPC	7.1 C	-.6 .2	-1.7 .2	-2.7 .3		5086			LW CAS	EO	22	[illegible]	[illegible]
2 53 59.0	- 9 5 46	SAO	.9 .3	.8 C	-3.1 .6		K1 III	403	-10043	874	ETA ERI		3--	[illegible]	-55.3
2 54 6.3	+14 24 33	SAO	.7 .3	.8 C			M4	404	10034		DO 9638		1--	[illegible]	[illegible]
2 54 27.2	+ 4 18 1	SAO	.7 .3				M4 IIIAB	405	36	877	DO 492		1--	[illegible]	[illegible]
2 54 39.8	+11 6 37	SPC		-.9 .2	-1.8 .2			5087					-S-	[illegible]	[illegible]
2 55 6.5	+38 14 12	SPC		.2 .2	-2.0 .2	-1.8 .3		5088					-S-	[illegible]	[illegible]
2 55 18.0	+62 54 6	IRC	1.6 .4				M5	406	60107		DO 26463		3--	[illegible]	
2 56 50.0	+43 56 36	IRC	.7 .3	.3 .2	-1.1 .2		M7	410	40052		AE PER		[illegible]	[illegible]	[illegible]
2 57 32.5	+60 17 22	UCS	4.5 C	.5 .2	-2.8 .2	-3.8 .3		4029			LX CAS		C22	[illegible]	1.[illegible]
2 58 12.0	+13 46 42	AGL	1.6 .3					412					1--	[illegible]	-38.2
2 58 19.6	- 3 4 34	SAO	1.1 .3				M2 IIIA	413	37	904	CV ERI		2--	[illegible]	-50.7
2 58 43.0	+21 36 6	IRC	.8 .3	-.0 .2	-1.3 C	-2.3 .3	M8	414	20052		UZ ARI		C--	[illegible]	-31.8
2 59 19.9	+44 29 18	SPC			-1.1 .2			5089					--2	[illegible]	-12.2
2 59 21.2	+79 13 26	SAO	.8 .3				M2 IIIAB	418	80007	881	DO 26502		1--	[illegible]	18.2
2 59 22.0	+60 16 15	KJS		-1.2 .2	-2.9 .2	-3.9 .3		416			SHARP. 201		C22	[illegible]	1.6
2 59 39.8	+ 3 53 41	SAO	-2.0 .2	-1.9 .3	-1.8 C		M1.5 III	419	38	911	ALF CET		1--	[illegible]	-65.[illegible]
3 1 9.6	+53 18 44	SAO	.8 .3	.5 C		-2.3 .3	G8 III	425	50084	915	GAM PER		C*4	142.1	-4.4
3 1 52.1	+75 36 42	SAO	1.0 .3				M7	432	80008		DO 26603		4--	[illegible]	15.1
3 1 57.8	+38 38 53	SAO	-2.5 .3	-2.6 .2	-2.4 .2	-2.8 .3	M4 IIB	428	40054	921	RHO PER	17 PER	C-2	[illegible]	-17.0
3 3 7.0	+55 32 6	IRC	.4 .3	-2.3 .2	-3.3 .2	-3.1 .3	M3 IAB	434	60110		IO PER		C22	[illegible]	-2.3
3 3 31.3	+58 19 19	LSK		-.3 .2	-3.3 .2	-4.8 .3		437					C22	[illegible]	.2
3 3 39.0	+60 18 24	IRC	1.3 .4	.2 .2			M1 IAB	4249S	60111		SVS 100256		1--	[illegible]	1.9
3 4 4.9	- 6 16 51	SAO	.2 .3				M3 G	439	-10045	935	GC 3718		3--	[illegible]	-51.[illegible]
3 4 9.0	-47 3 30	AGL	-.2 .4					441					1--	[illegible]	-57.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
3 4 11.0	+59 50 54	IRC	1.1 .4	.4 C			M7	440	60112		DO 26691		3--	139.7	.7
3 4 54.4	+40 45 52	SAO	1.6 .3	1.6 C			B8 V	443	40055	936	BET PER		2--	149.0	-14.9
3 6 6.8	+44 40 10	SAO	1.0 .3				K0 III	449	40057	941	KAP PER		2--	147.1	-11.4
3 6 27.9	+56 38 48	SPC		-.2 .2	-1.6 .2	-2.5 .3		5090				E?	-23	141.1	-1.1
3 7 33.5	+57 42 53	SAO	.2 .3	-.7 .2			C4,5	453	60113		DO 26767		C?-	140.7	-.1
3 8 4.0	-47 56 48	AGL			-5.1 .5			454					1--	259.7	-56.1
3 8 15.0	+14 36 24	IRC	.4 .3	-.7 .2	-1.1 .2		M5.5E	455	10040		U ARI		C--	166.1	-36.1
3 8 24.0	+60 46 9	SPC			-1.2 .2	-1.9 .3		5091					--2	139.2	2.6
3 8 33.0	-56 32 24	AGL			-5.3 .4			4030					1--	272.4	-51.8
3 8 49.0	+74 3 25	SAO	1.2 .4	1.6 C	-1.7 .2		M2 III	457	70040		DO 26751		3-0	132.3	14.0
3 8 56.0	-33 43 48	AGL			-4.2 .4			458					2--	233.6	-59.4
3 9 29.0	+55 31 0	IRC	1.5 .4	-1.5 .2	-.9 .2		M6	4258S	60115		GH PER		C23	142.0	-1.8
3 9 47.0	+ 6 28 26	SAO	1.4 .3				K5EP III	461	10041	958	GC 3827		1--	173.4	-42.0
3 9 50.0	+65 21 24	IRC	1.5 .4	-.2 .2	-.4 .2		M5	460	70041		DO 26795		2?4	137.0	6.7
3 9 56.7	-29 10 59	SAO	1.2 .4				F6 IV	4031	-30028	963	ALF FOR		1--	224.7	-59.0
3 10 49.4	+41 52 48	SPC			-1.2 .2			5092					--2	149.4	-13.4
3 11 22.0	-44 35 36	AGL	1.1 .4					463					1--	253.7	-56.8
3 11 25.0	+54 41 54	IRC	1.5 .4	-.3 .2	-1.1 .2		M3 IAB	4260S	50089		V411 PER		123	142.7	-2.4
3 11 48.0	+40 24 0	IRC	.6 .3	-.5 .2	-1.0 .2		M6 G	464	50090		AA PER		C?4	147.1	-9.4
3 12 4.5	- 2 31 5	SAO	1.6 .3				M2	465	41		DO 531		1--	183.2	-47.7
3 12 32.0	+64 34 36	IRC	1.1 .3	.1 .4	-.7 .2		M7	466	60116		DO 26859		42-	137.7	6.1
3 12 40.1	+45 9 45	SAO	1.3 .3				M2 G	467	50092	973	GC 3884		2--	147.9	-10.4
3 14 53.0	+81 58 30	AGL	1.7 .3				M6	472			DO 26771		3--	128.1	20.9
3 14 58.0	+32 44 24	IRC	.6 .3	-.3 .2	-1.5 .2		M6	471	30056		DO 9849		12-	155.3	-20.6
3 15 5.0	- 9 36 12	AGL	1.8 .3					4032					1--	192.7	-51.3
3 15 35.7	+34 2 28	SAO	1.0 .3				K2 II	4267S	30058	991	GC 3948		1--	154.6	-19.4
3 17 .5	+31 50 29	SAO	.6 .3	-.6 .2	-1.7 .2	-1.7 .3	M5 II	474	30061		UZ PER		C--	156.2	-21.1
3 17 17.5	-21 56 20	SAO	-1.5 .3	-1.5 .3	-1.5 C		M3 G	475	-20041	1003	TAU4 ERI		4--	212.1	-56.0
3 17 18.5	+28 52 7	SAO	.5 .3				K4 III	477	30062	999	DO 9880		1--	158.1	-23.5
3 17 24.0	-24 18 11	SAO	1.0 .3	-.8 .4			M2 G	476	-20042	1004	SVS 6026		4--	216.2	-56.6
3 18 20.0	+22 48 18	AGL	1.1 .3					481					1--	162.4	-26.2
3 18 38.8	+70 16 27	JCG	.9 .3	-2.0 .2	-2.7 .2	-3.0 .3	C	482					C22	135.1	11.3
3 19 25.1	+32 3 43	SAO	1.0 .3				M6	483	30063		DO 9900		1--	156.5	-20.6
3 20 18.5	+64 24 34	SAO	.1 .3	.0 .2	.8 W		M0 II	485	60117	1009	DO 27024		C--	138.5	6.4
3 20 44.5	+49 41 6	SAO	.1 .2	.2 C	.6 C		F5 IB	487	50095	1017	ALF PER		2--	146.6	-5.9
3 20 57.7	+65 21 19	SPC		-.6 .2	-2.0 .2	-2.8 .3		5093					-23	138.0	7.3
3 21 5.3	+54 46 38	SPC		-.1 .2	-1.6 .2	-3.2 .3		5094				E?	-22	143.8	-1.6
3 22 47.1	-12 31 48	SAO	1.6 .4				M3	488	-10047		VX ERI		3--	198.3	-51.1
3 22 59.0	+47 21 30	IRC	-.9 .3	-3.2 .2	-3.7 .2	-3.7 .3	C	489	50096		V384 PER		C22	148.2	-7.6
3 23 31.0	+58 8 53	SPC			-1.9 .2	-3.0 .3		5095					--2	142.2	1.4
3 23 39.1	+58 36 36	SK	1.0 W	-.5 .2	-3.2 .2	-4.3 .3		490			RED STAR		C22	142.0	1.8
3 23 57.8	+60 33 17	AGL	1.6 .3	-.2 .2	-1.5 .2			4277S					123	141.0	3.5
3 25 5.9	+71 41 32	SAO	1.0 .3				M4	491	70043	1032	DO 27100		4--	134.7	12.7
3 26 4.1	+31 12 54	SPC	6.8 C	-.4 .2	-2.3 .2	-3.1 .3		5096			LKHA 270	NGC 1333 EO	--2	158.3	-20.4
3 27 2.3	+47 49 28	SAO	.8 .3				K3 III	492	50098	1052	SIG PER		2--	148.5	-6.8
3 28 9.7	- 2 6 29	EIC	.9 .3				M6	494	46		DO 587		1--	186.4	-44.3
3 29 9.9	+60 39 19	AGL		-.7 .2	-1.2 .2			4282S					C-?	141.4	3.9
3 29 17.8	+60 10 6	SPC		.1 .2	-2.2 .2	-2.3 .3		5097					-22	141.7	3.5
3 30 34.4	- 9 37 35	SAO	1.3 .3	-1.2 .5			K3 V	497	-10048	1084	EPS ERI		2--	195.9	-48.0
3 31 6.6	+60 59 23	SPC		-.2 .2	-1.8 .2	-2.5 .3		5098					-22	141.4	4.3

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
3 31 53.9	-16 19 47	CIO	-.4 .3	-1.9 .3	-2.5 .4		M7E	500	-20043		RT ERI		4--	205.3	-50.8
3 36 6.0	-33 0 48	AGL		-1.5 .4	-3.2 .4			503					2--	232.3	-53.7
3 37 29.1	+62 29 19	SAO	-.6 .2	-1.5 .2	-1.5 .2	-1.1 .3	C5,4	505	60124		U CAM		C22	141.1	6.0
3 37 47.7	+63 3 25	SAO	0.0 .3	-.1 .2	-1.5 .2		S5,3	506	60125	1105	BD CAM		C?0	140.8	6.4
3 37 48.0	+51 20 54	IRC	.3 .3	-.5 .2	-.8 .2		C5,5	507	50100		DO 27448		124	147.8	-2.9
3 38 34.4	+59 48 37	SAO	1.3 .4				K4 IB	4290S	60126	1112	GC 4408		1--	142.9	3.9
3 38 56.0	-10 55 0	IRC	1.1 .3		-3.0 .5		M6	511	-10049		VY ERI		2--	199.0	-46.9
3 40 31.9	+12 38 11	SAO	.7 .3	.5 C			M4	512	10047		DO 633		1--	174.8	-32.3
3 40 51.0	- 9 55 53	SAO	1.1 .3				K0 IV	513	-10050	1136	DEL ERI		3--	198.1	-46.0
3 41 9.5	-31 10 37	SAO	1.2 .3		-3.0 .5		M4 III	515	-30030		GC 4458		3--	229.4	-52.5
3 41 17.8	+32 0 2	SPC		-.9 .2	-1.9 .2	-2.6 .3		5099			SVS 6046	IC 0348 ED	-23	160.5	-17.8
3 41 32.8	+80 10 6	SAO	-.6 .3	-1.2 .2	-2.2 .2	-4.3 .3	M5 III	514	80009		SS CEP		C22	130.1	20.0
3 41 47.0	-43 3 6	AGL		-3.2 .4	-5.2 .5			516					1--	248.8	-51.9
3 42 .1	+38 36 45	SPC			-1.3 .2			5100					--2	156.3	-12.6
3 42 11.4	+67 58 18	SPC	9.5 C	.2 .2	-1.4 .2			5101			IC 0342		--2	138.2	10.6
3 42 16.8	+53 44 59	SAO	1.2 .3				M4	517	50103		SVS 341		1--	146.9	-.6
3 43 46.5	-12 15 26	SAO	0.0 .3	.1 C			M2 IIIAB	519	-10051	1162	PI ERI		4--	201.6	-46.5
3 44 49.3	+44 32 59	SPC		-1.4 .2	-1.9 .2	-2.5 .3		5102					-22	152.9	-7.6
3 44 55.1	+65 22 26	SAO	-1.0 .3	-1.3 .2	-1.5 .2	-2.5 .3	M2 II	520	70046	1155	BE CAM		C22	140.0	8.8
3 44 56.8	+50 41 32	SAO	1.2 .4	-.0 .2	-1.0 .2		M5	521	50106		DO 27580		224	149.1	-2.8
3 45 51.0	+50 55 36	IRC	1.3 .3	.3 .2			M7	522	50108		AP PER		2--	149.1	-2.5
3 46 11.8	+63 33 22	SAO	1.0 .4				M6	523	60129		DO 27585		2--	141.3	7.4
3 46 13.0	+67 28 24	IRC	1.2 .3				M8	524	70047				3--	138.8	10.5
3 46 20.8	- 7 10 0	SAO	.5 .3	-1.6 .4			M5	525	-10052		BR ERI		4--	195.7	-43.4
3 46 23.6	-21 3 18	SAO	1.3 .3				K5 G	4037	-20044	1187	GC 4593		2--	214.0	-49.3
3 47 14.2	+32 53 11	SPC			-2.2 .2	-2.7 .3		5103					-?4	160.9	-16.3
3 48 18.5	-32 26 10	SAO	1.6 .4				K5	526	-30031		GC 4640		2--	231.6	-51.1
3 48 55.0	+39 43 42	IRC	.6 .3	-1.3 .2	-1.6 .2		C	527	40070		V414 PER		C22	156.6	-10.9
3 49 5.0	+44 55 36	IRC	1.0 .3	-.4 .2	-1.0 .2	-2.1 .3	M7	528	40071		DO 27661		C-2	153.3	-6.9
3 49 29.1	+49 30 47	SPC				-2.3 .3		5104					--2	150.4	-3.3
3 50 45.6	+69 26 2	SPC			-1.0 .2		M3	5105	70048		DO 27646		--2	137.8	12.2
3 50 46.0	+11 15 42	IRC	-1.7 .3	-4.2 .3	-5.5 .4		M8E	529	10050		IK TAU		1--	178.0	-31.4
3 51 13.1	+48 25 58	FIR			-.6 .2		M7	5106			FI PER		-2-	151.3	-3.9
3 51 54.1	+57 31 42	SAO	1.2 .3				M6	531	60133		DO 27693		2--	145.6	3.2
3 52 18.8	+53 43 28	FIR			-.8 .2			5107					-2-	148.1	.3
3 52 19.2	+67 17 30	SPC		-1.0 .2	-1.1 .2			5108					-S*	139.4	10.7
3 52 51.4	+60 57 53	SAO	.7 .4				K3 II	4039	60134	1205	GC 4727		1--	143.5	5.9
3 53 28.3	+62 23 11	SPC			-2.5 .2			5109				E?	--3	142.7	7.0
3 54 7.8	-13 44 30	SAO	1.4 .3				M3 G	534	-10054		GC 4748		3--	205.0	-44.9
3 55 40.1	+44 4 21	SPC		-.6 .2	-1.6 .2	-2.6 .3		5110					--2	154.8	-6.8
3 55 41.7	-13 38 58	SAO	-1.3 .3	-1.6 .3	-1.2 C		M1 III	537	-10055	1231	GAM ERI		4--	205.2	-44.5
3 57 9.3	-12 42 53	SAO	1.3 .4				K5 G	4042	-10056	1235	GC 4791		2--	204.2	-43.7
3 57 14.0	+55 9 42	IRC	1.1 .4	-.8 .2	-1.2 .2		M4 RED	4307S	60136		AG CAM		C24	147.7	1.8
3 58 .5	+56 56 20	UCS	5.5 C					538					2--	146.7	3.3
3 59 32.7	+51 10 59	SPC		-.9 .2	-3.0 .2	-4.0 .3		5111			SHARP. 206	E?	-22	150.6	-.9
4 1 .4	+68 32 40	SAO	1.4 .4				M0 G	4043	70049	1241	GC 4874		2--	139.1	12.2
4 1 21.8	-24 35 48	SAO	1.4 .3				M5 III	540	-20048		DP ERI		2--	220.6	-46.9
4 2 1.6	-15 51 39	SAO	-1.1 .3	-2.3 .3	-3.3 .4		M6 II	542	-20049		V ERI		4--	208.8	-44.0
4 3 31.0	-10 25 48	SAO	1.6 .4				M4 III	543	-10059		CY ERI		3--	202.4	-41.3
4 4 29.0	+42 54 0	IRC	.9 .3	-.0 .2			M4	545	40074		IY PER		1--	156.7	-6.6

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
4 5 17.0	+68 34 0	IRC	1.2 .4	.9 C	-.7 .2		M8	4044	70050				2-*	[illegible]	12.5
4 5 54.0	+65 11 29	SPC		-.3 .2	-1.7 .2	-2.9 .3		5112				EO	-6-	41.8	10.0
4 6 10.0	+50 51 19	SPC		.1 .2	-2.0 .2	-2.8 .3		5113					-23	151.6	-.5
4 6 19.5	+49 24 30	SPC		-.4 .2				5114			NGC 1513	OPEN CL	-5-	152.5	1.5
4 6 30.6	- 8 13 54	SAO	1.2 .3				MC	548	-10061		DD ERI		3--	200.3	-39.6
4 6 57.9	+42 2 38	SAO	1.2 .3				M3	549	40077		SW PER		1--	157.7	-8.9
4 7 18.1	+51 2 11	AGL		-1.1 .2	-4.1 .2	-4.8 .3		550			SHARP. 209		C22	151.6	.2
4 8 33.3	+ 2 11 24	SAO	1.0 .3				M3	551	53		DO 717		2--	189.6	-33.6
4 9 21.0	-25 15 54	IRC	.7 .3	-1.3 .5			M7E	552	-30033		W ERI		1--	222.2	-45.4
4 10 41.7	+70 15 29	SPC			-1.5 .2			5115					-3	103.6	14.0
4 10 45.2	+26 17 40	FIR			-.9 .2		M6	5116	30078		V482 TAU		-2-	169.5	-17.8
4 11 6.9	-10 30 46	SAO	1.0 .3				M6 G	553	-10062		BM ERI		4--	223.6	-39.7
4 12 20.6	-42 25 0	SAO	1.3 C			-6.1 .8	K1	4329S	-40030E	1326	ALF HOR		1--	268.9	-46.4
4 12 22.0	+33 42 6	IRC	1.1 .3	.3 C			M6	556	30079				1--	164.3	-12.4
4 12 23.7	+23 57 15	SAO	.5 .3				M7	555	20073		SVS 6099		1--	171.5	-19.0
4 12 48.0	+50 30 24	IRC	.6 .3				C6,4	558	50115		SY PER		2--	152.6	.0
4 13 15.8	+62 13 27	SAO	1.0 .4				M5	559	60140		ZZ CAM		3--	141.5	8.6
4 13 36.0	-21 8 54	AGL	1.5 .3					4045					1--	267.3	-43.[illegible]
4 13 47.0	+31 14 30	IRC	.4 .3		-1.6 .2		M6	560	30080		DO 10379		1?-	184.5	-[illegible]
4 13 53.0	-8[illegible] 59 18	AGL		-2.2 .4	-3.3 .5			4046			U MEN		1--	295.6	-[illegible]
4 15 7.0	-38 13 42	AGL		-2.0 .4				562					2--	260.[illegible]	[illegible]
4 15 32.3	+28 12 0	FIR	3.0 C	.1 C	-2.3 .2	-2.7 .3	M2E D	5117			CZ TAU	E?	-2-	179.3	[illegible]
4 15 42.0	-18 37 24	IRC	.6 .3				M7	563	-20052		RS ERI		3--	215.[illegible]	-[illegible]
4 16 5.1	-20 50 11	SAO	.4 .3				M2	564	-20053	1345	GC 5202		3--	219.[illegible]	-[illegible]
4 16 35.0	+40 56 54	IRC	-.7 .3	-2.0 .2	-2.8 .2	-2.1 .3	M6.5	565	40082		IR PER		C22	[illegible]	[illegible]
4 16 56.7	+15 30 31	SAO	1.3 .3	1.4 C			K0 IIIAB	566	20074	1346	SVS 102439		1--	[illegible]	[illegible]
4 17 25.8	+60 37 9	SAO	1.2 .4	1.0 C	-.5 .2		M0 IIIAB	567	60141	1335	DO 28206		4-*	[illegible]	[illegible]
4 18 1.2	+59 51 54	SPC		-.3 .2	-1.4 .2			5118					-24	[illegible]	[illegible]
4 18 36.5	+55 58 53	SPC			-1.2 .2	-2.7 .3		5119					-22	[illegible]	[illegible]
4 18 49.3	+28 19 29	CIO	3.7 C	0.6 C	-1.7 .2	-2.3 .3	F8-G2E D	5120			RY TAU		[illegible]	[illegible]	[illegible]
4 18 52.0	+68 7 12	AGL	1.7 .3				M6E	570			SX CAM		3--	[illegible]	[illegible]
4 19 4.2	+19 25 6	CIO	3.2 C	.9 C	-1.5 .2	-2.7 .3	G5E D	5121			T TAU	SHARP. 238	2-	[illegible]	-20.9
4 19 26.0	+20 42 17	SAO	.9 .3				M0 IIIAB	572	20075	1370	DO 10422		1--	[illegible]	-20.0
4 20 2.9	+17 25 37	SAO	1.4 .4	.4 C			K1 III	4340S	20076	1373	DEL TAU		[illegible]	[illegible]	-22.0
4 20 42.0	-13 0 18	AGL	1.6 .3	-1.4 .5				574					[illegible]	[illegible]	-8.7
4 22 9.4	-34 7 55	SAO	.4 .3				M1	579	-30029E	1393	43 ERI		3-	[illegible]	-34.
4 24 35.4	+69 16 9	SAO	3.2 C	2.2 W	1.4 W		M1	4047	70053		DO 28302		[illegible]	[illegible]	4.
4 25 33.5	+10 3 9	SAO	.4 .3	-.8 .4	-1.7 .2		M6E	581	10060		R TAU		1--	[illegible]	[illegible]
4 25 41.0	-23 10 54	AGL	1.8 .3					4048					[illegible]	[illegible]	[illegible]
4 26 19.0	+39 45 42	IRC	1.0 .3	-.1 .5	-.2 .2		C7,4	582	40089		GI PER		C2-	[illegible]	[illegible]
4 26 22.0	+24 26 29	CIO	4.3 C	1.4 C	-.8 .2			5122			GV TAU		-2-	[illegible]	[illegible]
4 26 30.7	+45 50 31	SAO	1.0 .3	-.0 .2	-.7 .2		M4	4348S	50119		DO 28355		[illegible]	[illegible]	[illegible]
4 26 31.9	+57 18 13	SAO	.3 .3	-.9 .2	-1.2 .2		M4 II	583	60143		RV CAM		[illegible]-3	[illegible]	[illegible]
4 26 59.0	+35 10 12	IRC	-.2 .3	-2.9 .3	-4.1 .2	-5.7 .3	FE	585	40091		LKHA 101	SHARP. 222	[illegible]	[illegible]	[illegible]
4 28 1.0	+27 23 6	IRC	.7 .3		-1.2 .2		M5	586	30087		V729 TAU		-2-	[illegible]	[illegible]
4 28 43.0	+18 2 8	FIR			-1.6 .2	-3.1 .3		5123			L 1551	SHARP. 239	-?-	[illegible]	[illegible]
4 29 14.0	+31 0 30	IRC	.8 .3	-.6 C	-1.3 .2		M7	590	30088		V398 PER		C--	[illegible]	[illegible]
4 29 21.7	+52 42 1	SAO	1.2 .4	.1 .2	-1.0 .2		M5	4351S	50120		DO 28376		12-	[illegible]	[illegible]
4 29 28.0	-37 9 36	AGL	1.1 .4	-.9 .4				591					1--	[illegible]	[illegible]
4 29 29.0	+ 8 51 0	AGL	1.0 .4					592					1--	[illegible]	[illegible]

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
4 29 48.4	+43 36 29	SAO	.6 .3				M6	593	50121		DO 28391		1--	155.9	.6
4 30 49.0	+62 10 12	IRC	-.1 .3	-1.9 .2	-1.9 .2	-2.9 .3	M6	595	60144		DO 28489		C22	146.0	9.9
4 31 47.0	- 8 20 5	SAO	.4 .3	-2.1 .4			M3 IIIA	598	-10070	1451	47 ERI		3--	204.1	-34.2
4 31 48.0	- 9 4 19	SAO	1.5 .3				K4 III	599	-10071	1452	GC 5577		2--	204.9	-34.5
4 32 29.7	+51 6 42	SPC			-1.9 .2	-3.3 .3		5124					-22	154.3	2.6
4 32 52.0	+28 24 42	IRC	.5 .3	-.4 .4	-.7 .2		M7	600	30090		IU TAU		12-	171.3	-12.6
4 32 56.7	+50 47 10	SPC			-1.2 .2	-2.7 .3		5125					-22	154.6	2.4
4 33 2.9	+16 24 37	SAO	-3.2 .3	-3.2 .3	-3.2 .2	-3.0 .3	K5 III	601	20087	1457	ALF TAU		C2-	181.0	-20.2
4 33 13.1	+41 9 51	SAO	1.1 .3				G8 II	602	40093	1454	58 PER		1--	161.8	-4.0
4 33 36.3	-30 39 49	SAO	1.4 .4				G9 G	603	-30037	1464	UPS2 ERI		2--	231.0	-41.3
4 33 44.7	- 5 22 20	EIC	1.6 .3	1.2 W	1.1 W		M7	604	-10072				2--	201.3	-32.3
4 34 32.8	-27 40 44	SAO	1.2 .4				M7	605	-30038		UU ERI		3--	227.2	-40.5
4 35 8.0	+66 3 12	IRC	-.1 .3	-.3 .2	-.7 .2		S5,7.5	606	70054		T CAM		C--	143.3	12.8
4 35 31.6	+ 8 14 12	EIC	.6 .3	-1.4 .4	-1.1 .2		M7E III	608	10066		RX TAU		C2-	188.4	-24.7
4 35 53.3	-14 24 2	SAO	.8 .3				K2 III	610	-10073	1481	53 ERI		3--	211.3	-35.9
4 36 55.3	+50 21 19	SPC		-.1 .2	-2.0 .2	-3.0 .3		5126			NGC 1624	GALAXY	-22	155.4	2.6
4 37 27.0	+17 25 30	AGL	.8 .4					612					1--	180.8	-18.8
4 38 11.0	-14 17 24	IRC	0.0 .3	-1.0 .3			M7	615	-10075		BX ERI		3--	211.5	-35.3
4 38 15.2	-19 45 58	SAO	-.5 .3	-.7 .4			M4 G	614	-20059	1496	DM ERI		3--	217.8	-37.4
4 38 44.0	-38 19 30	IRC	.1 .3	-1.9 .4				617	-30034E		R CAE		2--	241.3	-41.3
4 39 2.9	+36 1 9	WYO	3.0 C	-2.5 .3	-4.8 .2	-5.6 .3		618					C2-	166.4	-6.6
4 39 39.9	+ 6 46 59	EIC	1.2 .3	-1.2 .4	-1.0 .2		M4	619	10068		BZ TAU		C2-	190.4	-24.7
4 40 59.0	+20 40 42	IRC	1.1 .3	.7 C	.9 C		M7	622	20089		DO 10703		2--	178.7	-16.1
4 41 37.7	+42 33 48	FIR			-3.2 .2	-2.7 .3		5127					-*-	161.8	-1.9
4 42 0.0	+32 49 42	SAO	.5 .3	.6 C			M6	624	30093		DO 10715		1--	169.2	-8.2
4 42 1.0	-12 45 30	IRC	1.0 .4				M6	627	-10077				2--	210.2	-33.9
4 44 34.8	+61 25 13	SAO	1.0 .3				M5 G	632	60145		SVS 100406		3--	147.6	10.6
4 46 1.2	+68 5 2	SAO	-.4 .3	-1.2 .2	-.9 .2	-2.3 .3	C5,3	633	70055		ST CAM		C*4	142.4	14.9
4 46 32.4	+37 24 7	SAO	1.0 .3	1.2 C			K4 II	635	40099	1533	GC 5868		2--	166.3	-4.6
4 47 23.6	+63 25 22	SAO	.5 .3	.2 .2			M3 IIIAB	636	60147	1527	GC 5881		3?-	146.2	12.2
4 48 .3	+39 16 36	FIR			-2.1 .2	-2.4 .3		5128					-*-	165.0	-3.1
4 48 23.0	+28 26 36	SAO	.2 .3	0.0 C	-.5 .2		C7,4	639	30098		TT TAU		22-	173.5	-10.0
4 48 52.0	+28 55 12	IRC	2.0 C	0.0 C			M7	4383S	30099		V720 TAU		1--	173.2	-9.6
4 49 10.5	+38 25 22	SAO	1.6 C				C8,1	643	40101		SVS 6136		1--	165.8	-3.5
4 49 42.0	+14 10 8	SAO	-.8 .3	-1.3 .4	-.7 .2		M3S	644	10072	1556	OMI1 ORI		22-	185.4	-18.4
4 50 28.2	+28 37 43	FIR			-3.9 .2	-3.5 .3		5129					-2-	173.7	-9.5
4 50 46.2	+ 2 25 38	SAO	.6 .4				M1 G	647	64	1562	5 ORI		1--	196.1	-24.7
4 52 34.3	+30 28 21	CIO	3.0 C	0.2 C	-2.0 .2	-2.2 C		5130			AB AUR		-*-	172.5	-8.0
4 52 48.7	+59 2 34	SAO	.7 .3	.2 .2			M4	648	60149		DO 28749		C--	150.2	10.0
4 53 33.4	+13 26 14	SAO	.9 .3				K2 III	652	10075	1580	OMI2 ORI		1--	186.6	-18.1
4 53 44.0	+33 5 20	SAO	-1.0 .4	-1.7 .4			K3 II	654	30100	1577	IOT AUR		1--	170.6	-6.2
4 54 26.0	+26 4 28	FIR			-1.5 .2			5131					-2-	176.3	-10.4
4 54 38.5	+37 35 37	FIR			-.5 .2	-3.1 .3		5132					-F-	167.2	-3.2
4 54 50.1	+47 53 51	SPC			-2.0 .2	-3.3 .3		5133			SHARP. 217		--2	159.2	3.3
4 55 57.3	+ 1 38 20	SAO	1.1 .4				K2 II	659	65	1601	PI6 ORI		1--	197.6	-24.0
4 55 57.8	+74 11 44	SAO	1.5 .4				K5 III	663	70057	1572	DO 28769		3--	137.7	19.2
4 56 6.2	-16 46 49	SAO	1.5 .3				M5	661	-20064				2--	216.3	-32.3
4 56 44.0	+56 6 54	IRC	-1.9 .3	-4.1 .2	-5.0 .2	-4.7 .3	M8.5	664	60150		TX CAM		C23	152.8	8.6
4 57 19.7	-14 52 47	SAO	-1.8 .3	-3.0 .3	-3.1 .4		C7,4E	667	-10080	1607	R LEP		3--	214.3	-31.3
4 57 37.4	+12 51 25	FIR			-2.7 .2	-2.8 .3		5134					-2-	187.7	-17.6

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
4 58 22.5	+43 45 5	SAO	1.1 .4	.8 C	.5 C		A8E IA	670	40109	1605	EPS AUR		2--	162.8	1.2
4 58 57.6	+60 22 19	SAO	1.4 .3	1.9 C			G0 IB	671	60151	1603	BET CAM		2--	149.6	11.4
4 58 58.7	+41 0 18	SAO	-.3 .3	-.3 C	.2 C		K5 II	674	40110	1612	ZET AUR		1--	165.0	-.4
4 59 30.6	+50 33 45	SAO	.7 .3	-.1 .2	-1.2 .2		C5,4	672	50135		EL AUR		1*4	157.5	5.5
4 59 54.1	+29 29 33	FIR			-1.5 .2	-3.9 .3		5135					-F-	174.3	-7.3
5 2 39.0	+44 48 0	IRC	.5 .3		-.9 .2		M5	681	40111		DO 28943		C--	162.4	2.4
5 2 43.2	-21 58 19	SAO	-.6 .3	-1.8 .3			M7E	682	-20066		T LEP		3--	222.7	-32.7
5 2 48.7	+ 1 6 37	SAO	-1.2 .4	-1.9 .4	-2.3 .2		C5,4	683	66	1648	W ORI		C--	199.0	-22.8
5 3 8.6	+34 47 20	SAO	1.3 .4				M5	686	30102		DO 11028		2--	170.4	-3.6
5 3 20.6	-22 26 13	SAO	-.4 .3	-1.2 .4			K5 III	688	-20067	1654	EPS LEP		2--	223.2	-32.7
5 4 18.4	- 3 26 50	FIR			-1.5 .2	-3.1 .3		5136			NGC 1788	H II EO	-2-	203.5	-24.7
5 5 14.6	+42 30 54	SAO	1.4 .3				M6 G	692	40114		DO 28987		2--	164.5	1.4
5 5 26.0	+68 36 29	SAO	.9 .3	.2 .2			M6	693	70059		UX CAM		C--	143.0	16.7
5 5 30.7	-12 39 19	SAO	1.4 .3				M1	694	-10082		GC 6277		2--	212.9	-28.6
5 6 39.4	+14 17 36	SAO	1.2 .4				M4	698	10078		DO 993		1--	187.8	-14.9
5 6 44.0	+22 58 0	IRC	1.3 .3	0.0 C	.4 C		M7	697	20100				2--	180.5	-10.0
5 6 58.0	-34 34 48	SAO	-.4 .3	-1.5 .3			MC	699	-30042E		SVS 507		2--	237.6	-35.2
5 7 20.0	+52 48 42	IRC	.6 .3	-2.4 .2	-4.0 .2	-4.4 .3	M10	700	50137		NV AUR		C22	156.4	7.8
5 8 27.0	+29 50 37	SAO	1.2 .4				M2 III	4049	30105		DO 11103	EO	1--	175.1	-5.6
5 9 2.7	-11 54 36	SAO	-1.8 .3	-2.4 .3	-4.0 .5		M6 G	702	-10084	1693	RX LEP		2--	212.5	-27.5
5 9 55.4	+37 23 4	FIR	5.9 C	0.4 C	-1.9 .2	-3.0 .3		5137			SHARP. 228		-2-	169.2	-.9
5 10 40.5	+ 2 48 12	SAO	1.2 .4				K3 III	706	68	1698	RHO ORI		1--	198.5	-20.3
5 11 12.9	+ 0 30 12	SAO	1.7 .3				K4 II	707	69	1703	DO 1025		1--	200.7	-21.3
5 12 3.8	- 0 37 9	SAO	.5 .3	.3 M			M6	708	70		DO 1031		2--	201.9	-21.7
5 12 7.4	+49 29 28	SAO	.9 .3				M4 II	709	50138		UX AUR		2--	159.6	6.5
5 12 8.0	- 8 15 29	SAO	0.0 .3	-.1 C	-.4 C		B8 IA	710	-10085	1713	BET ORI		2--	209.2	-25.2
5 12 59.5	+45 56 58	SAO	-2.1 .3	-2.3 .3	-2.1 .2		G8 III	713	50139	1708	ALF AUR		C2-	162.6	4.6
5 13 7.3	+45 30 50	JCG	1.4 .4	-.5 .4	-1.5 .2	-2.4 .3		712					C--	163.0	4.3
5 13 11.0	+11 55 24	IRC	.6 .3		-.3 .2		C5,5	714	10081		V431 ORI		C*-	190.7	-14.9
5 13 11.1	+34 16 49	FIR			-2.2 .2	-2.9 .3	O9.5 V	5138			AE AUR	IC 0405 EO	-2-	172.1	-2.2
5 13 15.3	+53 31 57	SAO	-1.3 .3	-2.5 .2	-2.9 .2	-2.5 .3	M6.5E	715	50141	1707	R AUR		C22	156.4	9.0
5 14 34.0	+29 33 42	AGL	1.0 .4					721					1--	176.1	-4.7
5 14 41.3	+42 44 24	SAO	-.1 .3	-1.2 .4			M4 III	720	40119	1722	PU AUR		2--	165.4	3.0
5 14 53.6	+33 19 17	SAO	1.4 .3				K3 III	722	30107	1726	16 AUR		2--	173.1	-2.5
5 15 5.0	+63 12 54	IRC	.4 .3	-1.3 .2	-3.0 .2	-2.8 .3	M9	724	60154				C22	148.3	14.6
5 15 16.0	+13 22 0	IRC	.6 .3				M5 G	725	10082		DO 1049		2--	189.8	-13.7
5 15 42.0	+62 36 11	SAO	1.3 .3				K4 C	728	60155	1720	DO 29132		2--	148.9	14.3
5 16 10.0	-10 12 6	AGL	1.6 .3					729					1--	211.7	-25.2
5 16 41.0	-65 2 0	AGL			-3.6 .4			4050			NGC 1892		1--	274.9	-34.3
5 17 28.3	-25 10 26	SAO	1.0 .3				M2	732	-30043				3--	227.5	-30.5
5 17 42.0	-17 55 24	IRC	1.1 .3	-.2 C			M7	733	-20069				2--	219.7	-28.0
5 18 33.3	+32 27 51	SAO	1.3 .4	-1.3 .4	-1.1 .2		C8,1E	735	30110		UV AUR		C2-	174.2	-2.3
5 18 51.4	+33 28 14	FIR			-1.1 .2	-2.5 .3		5139			IC 0410		-2-	173.4	-1.7
5 19 21.8	+33 16 12	FIR			-1.2 .2	-2.5 .3		5140			SHARP. 236		-2-	173.7	-1.7
5 19 36.3	+42 44 24	FIR			-1.6 .2	-2.7 .3		5141					-F-	165.9	3.7
5 20 52.0	- 4 36 30	IRC	1.6 .3				M4	4051	71		V535 ORI	EO	1--	206.8	-21.7
5 21 22.9	+36 9 19	SAO	1.6 .4				K2	739	40126		GC 6640		2--	171.5	.2
5 22 2.2	- 6 11 29	SAO	.6 .3		-1.7 .2		M7 G	740	-10091		EX ORI		2*-	208.4	-22.1
5 22 45.8	+38 19 56	WYO	.8 .4		-1.6 .2			4053					12-	169.9	1.7
5 23 36.0	- 0 40 48	AGL	1.5 .3					744					1--	203.4	-19.2

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
5 23 46.0	+48 40 36	IRC	1.4 .3	1.1 W	.8 W		M5	746	50145		DO 29288		2--	161.4	7.6
5 23 47.0	+34 6 54	IRC	-.1 .3	-1.6 .4	-1.7 .2	-2.1 .3	C	748	30114		S AUR		C2-	173.5	-.5
5 23 58.5	+29 52 46	SAO	1.1 .3				M1 IB	749	30115		DO 11262		2--	177.0	-2.9
5 24 17.0	+23 4 0	IRC	.9 .3	.3 W	-1.1 .2		M6	751	20106				C*-	182.7	-6.6
5 24 19.8	+34 26 7	SAO	1.6 .4		-1.5 .2	-2.7 .3	K4 IIIP	4415S	30116	1805	PHI AUR	IC 0417	12-	173.3	-.2
5 25 7.3	+17 11 57	SAO	1.1 .4				M1 III	752	20107	1816	117 TAU		1--	187.8	-9.6
5 25 26.4	+63 1 42	SAO	.8 .3				M1 IIIA	753	60157	1802	17 CAM		3--	149.1	15.5
5 25 32.0	+39 0 0	IRC	.9 .4		-.1 .2		M6	755	40130		AD AUR		1--	169.6	2.5
5 25 37.1	+32 26 17	SAO	.7 .3	-1.2 .4			M6.5	754	30117		DO 11278		2--	175.1	-1.1
5 26 6.1	-20 47 53	SAO	.8 .3	-.9 .4			G5 III	756	-20071	1829	BET LEP		3--	223.6	-27.2
5 26 32.7	- 4 43 52	SAO	-.7 .3	-1.7 .3	-2.2 .2	-2.0 .3	M7E	757	74		S ORI		C2-	207.6	-20.5
5 27 11.5	- 1 7 48	SAO	.5 .3				K4 III	759	75	1834	31 ORI		2--	204.3	-18.6
5 27 25.7	+33 45 55	FIR			-1.4 .2	-3.3 .3		5142					-2-	174.2	-.1
5 27 27.3	+54 11 16	SPC			-1.7 .2			5143					--2	157.0	11.1
5 28 7.0	+34 13 56	FIR			-2.5 .2	-3.9 .3		5144			NGC 1931	CL + H II E?	-2-	173.9	.3
5 28 10.4	+18 31 26	SAO	1.2 .3	-1.7 .4			M6	761	20111		DV TAU		2--	187.1	-8.3
5 28 31.3	- 4 39 41	FIR			-1.2 .2			5145			V539 ORI		-2-	207.8	-20.0
5 28 34.8	- 4 55 58	FIR				-3.2 .3		5146			HFE 3	EO	-2-	208.0	-20.1
5 29 16.8	+18 33 32	SAO	-1.2 .3	-1.5 .3	-1.8 .2	-1.7 .3	M2 IAB	767	20112	1845	119 TAU	CE TAU	C*-	187.2	-8.1
5 29 26.2	-35 30 22	SAO	1.1 .3	-1.1 .4			K1	766	-30049E	1862	EPS COL		1--	239.9	-30.9
5 29 29.0	+65 1 24	IRC	1.4 .3		-1.2 .2	-2.0 .3	M6	768	70063		DO 29388		2-4	147.5	16.8
5 30 5.4	+13 1 3	SAO	.7 .4				M4	769	10088		DO 1158		1--	192.0	-10.9
5 30 8.9	- 4 6 47	FIR			-1.6 .2			5147			V702 ORI		-*-	207.5	-19.4
5 30 23.5	+30 28 20	FIR			-1.4 .2	-3.4 .3		5148					-2-	177.3	-1.4
5 30 31.4	-17 51 24	SAO	1.3 .3				F0 IB	771	-20073	1865	ALF LEP		1--	220.9	-25.1
5 31 10.1	- 5 59 33	FIR			-2.4 .2			5149			V723 ORI		-*-	209.4	-20.0
5 31 36.2	- 5 28 54	AGL		-.7 .4	-2.6 .2	-3.9 .3		772			V468 ORI		22-	208.9	-19.7
5 31 59.9	- 4 19 5	FIR			-1.1 .2	-3.2 .3		5150			V979 ORI		-F-	207.9	-19.1
5 32 2.6	- 5 13 41	GCV		-1.3 .3				776			IS ORI		2--	208.7	-19.5
5 32 26.0	+67 25 24	AGL	1.4 .3					778					2--	145.5	18.3
5 32 28.7	+54 23 53	SAO	1.3 .3				M0 G	777	50148	1866	DO 19463		2--	157.2	11.8
5 32 32.8	+ 8 40 9	SAO	.3 .4				M5	780	10090		SVS 6229		1--	196.2	-12.6
5 32 41.2	- 4 54 26	AGL	1.5 .4	-2.4 .3	-2.3 .2	-4.6 .3		781			NGC 1977	H II EO	22-	208.5	-19.2
5 32 42.0	+37 59 54	IRC	1.0 .3				M7	782	40134		IX AUR		1--	171.2	3.1
5 32 50.1	- 5 25 37	AGL	-1.1 .3	<-5.1 .3	<-8.6 .2	<-9.9 .3		779	-10093		M 42	NGC 1982 EO	C2-	209.0	-19.4
5 33 .8	+24 43 31	FIR	4.6 C	1.9 C	-.6 .2		F2E IV	5151			CQ TAU		-2-	182.4	-4.0
5 33 21.7	- 4 16 21	FIR			-.6 .2	-3.9 .3		5152			V567 ORI		-F-	208.0	-18.7
5 33 21.9	- 5 11 39	AGL	1.7 .3		-4.2 .2	-3.1 .3		783			V415 ORI		1--	208.9	-19.2
5 33 53.5	- 4 57 44	FIR			-2.2 .2			5153			V836 ORI		-F-	208.7	-18.9
5 33 58.2	- 4 46 11	FIR			-1.7 .2	-2.4 .3		5154			OZ ORI		-*-	208.5	-18.8
5 34 19.7	- 5 28 16	FIR			-1.3 .2			5155			V659 ORI		-2-	209.2	-19.1
5 34 23.6	- 5 6 11	FIR			-2.2 .2			5156			V850 ORI		-F-	208.9	-18.9
5 34 35.9	+31 58 6	FIR			-.6 .2			5157			NGC 1985	PLAN. NEB	-2-	176.5	.2
5 35 6.9	- 1 48 0	EIC	.4 .3	-1.8 .4	-2.1 .2		M9	786	80		X ORI		2*-	205.9	-17.2
5 35 26.0	+24 58 6	IRC	-.1 .3	-1.7 .4	-2.0 .2	-2.1 .3	M7	788	20116		GP TAU		C2-	182.5	-3.4
5 35 26.0	+42 35 42	AGL	.6 .4					787					1--	167.6	6.0
5 35 32.7	+30 40 26	FIR				-2.7 .3		5158				E?	-2-	177.7	-.3
5 35 39.0	-47 57 30	AGL			-5.1 .6			4054					1--	254.5	-31.9
5 35 49.6	- 7 4 40	AGL		.2 .4	-2.9 .2	-3.2 .3		4433S			HARO 13A	IC 0429	1--	210.9	-19.5
5 36 8.0	+46 43 42	IRC	-2.0 W	-1.9 .3	-3.3 .2	-3.1 .3	M6	791	50149		DO 29520		C2-	164.2	8.3

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
5 36 19.6	- 2 37 30	FIR			-.7 .2			5159			SIG ORI		-2-	206.8	-17.3
5 36 34.0	-14 4 12	IRC	.1 .3	-.5 .4	-1.4 W		M8	793	-10094		RW LEP		2--	217.8	-22.3
5 36 44.0	+37 36 36	IRC	.1 .3	-2.0 .3	-2.4 .2		M8E	794	40135		RU AUR		C*-	172.0	3.6
5 36 54.3	+28 41 45	FIR			-.9 .2		M9 III	5160	30123		AW AUR		-2-	179.5	-1.1
5 37 9.5	+35 48 48	FIR			-3.1 .2	-4.0 .3		5161			SHARP. 233	EO	-2-	173.6	2.7
5 37 11.0	-12 28 36	AGL	1.7 .3					795					1--	216.3	-21.5
5 37 18.5	- 8 10 45	EIC	.7 .3	-1.1 .4	-.5 .2		C	796	-10095		SVS 6369		2?-	212.2	-19.6
5 37 26.9	+31 53 43	SAO	.5 .3		-1.6 .2		M2 IAB	797	30124	1939	NO AUR		2*-	176.9	.7
5 37 40.9	+35 40 50	FIR				-4.5 .3		5162			SHARP 235A	EO	-2-	173.7	2.7
5 37 46.6	+13 46 45	GH	1.0 .4	-1.2 .4	-.2 .2		C	799					1--	192.4	-8.9
5 37 53.0	+28 4 24	IRC	.2 .4		-1.5 .2		M5	800	30125		AB TAU	SHARP. 240	12-	180.2	-1.3
5 37 54.7	- 7 30 22	FIR			-2.1 .2	-3.3 .3		5163			V902 ORI		-2-	211.6	-19.2
5 37 58.1	- 1 59 20	FIR			-1.2 .2		O9.5 IB	5164	81	1948	ZET ORI	E?	-2-	206.4	-16.7
5 38 16.2	+35 48 48	FIR			-1.5 .2	-4.2 .3		5165			SHARP. 235	EO	-2-	173.7	2.9
5 38 21.0	+12 16 0	IRC	.5 .4	-1.0 .4	-.7 .2		C	801	10094		DO 1241		1?-	193.8	-9.5
5 38 27.0	-69 12 36	AGL		-1.9 .4	-5.2 .4	-6.5 .6		4055			NGC 2060	GALAXY	1--	279.6	-31.7
5 38 27.0	+38 54 42	IRC	.4 .3	-.8 W	-1.2 W		M8 III	802	40136		SZ AUR		1--	171.1	4.6
5 38 27.9	+17 29 52	SAO	1.1 .4				M3	803	20118		DO 11484		1--	189.3	-6.8
5 38 55.0	+32 1 6	IRC	-.4 .3	-1.9 .3	-1.9 .2	-2.4 .3	M7E III	805	30126		U AUR		C2-	177.0	1.0
5 39 1.0	- 4 9 24	IRC	1.1 .3				M5 III	804	82		Y ORI		2--	208.6	-17.4
5 39 3.7	- 2 17 41	AGL		-1.9 .3	-3.1 .2			806			NGC 2023	H II	C2-	206.9	-16.6
5 39 14.5	- 1 55 59	WYO	.4 .3	-3.5 .3	-6.7 .2	-8.4 .3		807			NGC 2024	H II EO	C2-	206.5	-16.3
5 39 57.0	-69 45 42	AGL		-1.8 .4	-3.3 .5	-7.1 .6		4056			NGC 2079	GALAXY	1--	280.2	-31.5
5 39 58.1	+59 10 37	FIR			-1.8 .2	-2.6 .3		5166					-F-	153.4	15.1
5 40 33.3	+32 40 49	SK	.4 .3	-2.4 .3	-3.0 .2	-3.3 .3	C	809			RED STAR		C2-	176.6	1.6
5 41 16.0	+69 56 54	IRC	-.6 .3	-3.0 .2	-4.0 .2	-3.4 .3	M9.5	811	70066				C22	143.4	20.1
5 41 21.0	+59 5 28	FIR			-1.9 .2	-2.3 .3		5167					-F-	153.6	15.2
5 42 9.7	+24 24 1	SAO	.8 .4	.1 C			C4,5	812	20120		TU TAU		1--	183.8	-2.4
5 42 40.5	+20 40 33	CIO	-0.4 C	-1.7 C	-1.7 .2	-2.2 .3	C6,4	5168	20121	1977	Y TAU		-2-	187.1	-4.3
5 43 45.0	-66 26 54	AGL			-3.7 .5	-7.4 .6		4057			NGC 2105	GALAXY	1--	276.3	-31.4
5 44 0.0	+ 2 9 36	AGL	1.7 .3	-.4 C				813					1--	203.4	-13.4
5 44 3.0	+43 11 36	IRC	.8 .3	-1.0 C	-1.0 .2		C	815	40140				C?-	167.9	7.7
5 44 4.1	+ 0 3 22	AGL		-1.7 .4	-2.7 .2	-4.2 .3		814			NGC 2064	H II	C2-	205.3	-14.3
5 44 30.0	+ 0 17 52	AGL		-1.1 .3	-3.7 .2	-4.7 .3		818			NGC 2071	H II	C2-	205.2	-14.1
5 44 55.5	-12 49 18	SAO	1.2 .3	1.1 C			M2	819	-10097				2--	217.5	-19.9
5 45 5.2	-21 33 37	SAO	1.4 .3	2.0 C			M2	820	-20080				2--	226.1	-23.4
5 47 37.7	+37 17 36	SAO	.5 .3	-1.0 .5			M1 III	822	40143	2011	UPS AUR		2--	173.4	5.3
5 48 10.1	+32 6 45	SAO	1.0 .3				M4 IIAB	823	30129	2018	DO 11629		2--	177.9	2.7
5 49 2.0	+63 0 6	IRC	1.2 .3	.1 .2			M8	826	60159		TZ CAM		C--	150.4	17.8
5 49 8.4	+27 0 14	FIR			-1.0 .2	-2.7 .3		5169			SHARP. 242	EO	-2-	182.4	.3
5 49 10.2	-20 52 55	SAO	1.0 .3				G8 IIIP	828	-20081	2035	DEL LEP		3--	225.8	-22.2
5 49 11.7	-35 47 10	SAO	.3 .3	-1.1 .4			K2	829	-30056E	2040	BET COL		1--	241.3	-27.1
5 49 50.6	+ 1 50 40	SAO	1.8 .3				K1.5 IIB	830	89	2037	56 ORI		2--	204.4	-12.2
5 49 54.4	+68 46 55	SPC		-.1 .2	-1.9 .2			5170					-S-	144.9	20.3
5 50 9.0	+64 58 24	IRC	1.5 .3	.9 C			M8	831	60160		BH CAM		2--	148.6	18.8
5 50 36.6	+24 14 16	FIR			-1.2 .2	-2.6 .3	M6	5171			BC TAU		-2-	184.9	-.9
5 50 53.0	+39 30 6	IRC	.8 .4	-.2 .5	-1.8 .2		M6	832	40145		DO 11680		1--	171.8	6.9
5 52 9.2	+ 0 57 38	SAO	1.6 .3				K1	834	91	2057	GC 7440		2--	205.5	-12.1
5 52 27.8	+ 7 23 58	SAO	-4.3 C	-5.6 .3	-5.9 .2	-5.8 .3	M2 IA	836	10100	2061	ALF ORI		C2-	199.8	-9.0
5 52 43.7	+15 19 31	FIR			-1.8 .2	-2.6 .3		5172					-F-	192.9	-5.0

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
5 52 51.0	+20 10 6	SAO	-1.6 .4	-2.9 C	-3.6 .2	-3.4 .3	M6.5E III	837	20127	2063	U ORI		C2-	188.7	-2.5
5 53 25.1	+45 30 14	SAO	.1 .3	-1.6 .4			M4 III	839	50153		TW AUR		3--	166.7	10.3
5 53 33.4	+35 34 25	SAO	.1 .3	-1.2 .4			M6	841	40146		DO 11724		2--	175.5	5.4
5 53 35.0	+48 22 36	IRC	1.3 .5	-1.3 .5			M9 III	842	50154		LO AUR		3--	164.2	11.7
5 54 5.5	+22 50 2	SAO	.3 .4				M5 III	843	20129		BQ ORI		1--	186.6	-.9
5 55 7.0	+ 2 42 12	IRC	1.5 .3	1.5 C			M3	846	92		DO 1342		2--	204.3	-10.7
5 55 17.2	+16 31 12	FIR			-1.7 .2	-3.2 .3		5173					-2-	192.2	-3.8
5 55 24.5	+54 17 0	SAO	1.1 .3				K0 III	848	50155	2077	DEL AUR		3--	158.9	14.7
5 55 58.0	+38 26 12	IRC	.9 .3	-1.7 .3	-2.0 C		M9	850	40149				2--	173.2	7.3
5 55 58.3	+74 30 47	CIO	.1 .3	-1.6 .2	-2.7 .2	-2.5 .3	M6	849	70067		V CAM		C23	139.4	22.9
5 56 13.4	+45 56 4	SAO	-1.1 .3	-1.7 .3			M3 II	851	50156	2091	PI AUR		3--	166.6	10.9
5 57 15.6	+31 56 25	FIR			-1.5 .2			5174					-2-	179.0	4.3
5 57 38.0	+39 40 24	IRC	1.2 .4	.2 C			C7,1E	853	40151		AZ AUR		1--	172.3	8.2
5 58 53.0	+10 54 42	IRC	.4 .3	-.1 C	-1.0 .2		M7 G	856	10103		DP ORI		22-	197.5	-5.9
5 59 8.0	- 7 36 6	AGL	1.1 .3					857					1--	214.1	-14.5
5 59 15.9	- 2 21 11	SAO	0.0 .5	-1.1 .3	-3.0 .2	-2.5 .3	M7EP	858	96		V352 ORI		2--	209.3	-12.1
5 59 45.9	+ 8 41 28	FIR				-2.1 .3	M6	5175			DS ORI		-2-	199.5	-6.8
5 59 47.3	+50 36 53	SAO	1.4 .4	2.0 C			M7	862	50158		DO 29938		3--	162.6	13.6
6 0 46.3	+30 15 20	FIR			-1.3 .2	-2.3 .3		5176			SHARP. 241	ED	-2	180.9	4.1
6 1 8.0	+28 29 24	IRC	.9 .4	-.2 .5	-2.1 .2		M9	864	30136		BS AUR		C2-	182.5	3.3
6 1 17.5	+ 7 26 3	LKV		-2.4 .3	-3.0 .2	-3.4 .3	C	865					C2-	200.8	-7.0
6 1 18.1	- 9 40 54	FIR			-.4 .2			5177			NGC 2149	H II E?	-2-	216.3	-15.0
6 1 27.0	+67 44 24	AGL	1.5 .3					866					2--	146.4	20.9
6 2 45.2	-16 28 47	SAO	.5 .3	-1.5 .3	-2.4 .2		M1	870	-20084	2148	17 LEP	SS LEP	C--	222.9	-17.5
6 3 11.0	+10 7 0	AGL	1.3 .4					871					1--	198.7	-5.3
6 3 41.9	-24 11 23	SAO	-.8 .3	-2.2 .3	-3.1 .4		M5 G	872	-20085	2156	S LEP		2--	230.5	-20.3
6 3 44.7	+63 41 30	SPC				-2.3 .3		5178					-2	150.5	19.6
6 3 53.0	- 5 42 42	IRC	1.5 .3	-.8 .4	-.9 .2		M8	873	-10109				22-	212.9	-12.6
6 4 50.6	-21 48 19	SAO	.1 .2		-3.2 .5		M3	874	-20086	2166	GC 7779		2--	228.2	-19.2
6 5 18.6	- 6 22 57	AGL	.5 .3	-2.7 .3	-6.0 .2	-7.8 .3		877			NGC 2170	MULTIPLE	C2-	213.7	-12.6
6 5 21.1	+20 38 11	FIR			-2.6 .2	-3.4 .3		5179				ED	-2-	189.8	3
6 5 31.1	-19 9 31	SAO	.6 .3				M2 G	878	-20087	2168	19 LEP		2--	225.7	-18.0
6 5 43.3	+34 54 10	SAO	.7 .4				M6	876	30139		SVS 6424		1 -	177.3	7.3
6 5 54.8	+21 37 49	FIR				-3.5 .3		5180					-2-	184.6	.9
6 5 59.3	+15 41 31	FIR			-1.2 .2			5181				ED	-2-	194.2	-2.0
6 6 5.4	+21 51 9	FIR			-2.1 .2	-3.4 .3		5182					-2-	188.6	1.0
6 6 23.7	+20 41 29	FIR			-2.8 .2	-4.2 .3		5183				ED	-2-	188.8	.5
6 6 34.0	+47 44 59	SAO	1.1 .3				M6	881	50160		DO 30067		2--	165.8	13.3
6 6 42.2	+60 27 52	SAO	1.2 .3				M3	882	60163		DO 30048		2--	153.8	13.7
6 6 44.0	+31 24 54	IRC	.5 .4				M1	883	30141		BU AUR		1 -	180.7	5.8
6 6 58.1	+20 30 51	FIR			-2.1 .2	-3.3 .3		5184			SHARP. 252	ED	-2-	189.1	.6
6 7 22.0	+12 49 24	FIR			-1.9 .2	-3.8 .3		5185			SHARP. 270		-2-	196.8	-3.1
6 7 49.3	+65 43 53	SAO	1.4 .3				K2 II	884	70069	2165	36 CAM		2--	145.6	20.8
6 8 6.9	+ 3 46 3	EIC	1.1 .3	-.2 C			M8	888	99				2--	204.9	-7.3
6 8 21.4	- 6 12 27	AGL			-4.5 .2	-5.5 .3		890			NGC 2183		C2-	213.9	-11.9
6 8 33.4	-40 20 36	SAO	.6 .3				M1	4058	-40047E	2203	GC 7873	ED	1 -	247.4	-24.6
6 8 41.0	+11 12 0	IRC	1.3 .3				M5	891	10109		DO 1438		1--	198.4	-3.6
6 8 50.9	+21 52 32	SAO	.8 .4	-1.3 .4	-1.6 .2		M0-1 IAB	893	20134	2190	TV GEM		1--	194.1	1.6
6 8 58.2	- 7 14 17	SAO	1.7 .3				MA	892	-10111				1--	216.1	-12.2
6 9 3.6	+32 42 23	SAO	1.2 .4				M2 IIIA	894	30144	2189	GC 7888			174.6	6.8

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
6 9 17.2	+22 55 18	SAO	.5 .4	-1.4 .4	-1.7 .2		M1-2 IA	895	20136	2197	6 GEM	BU GEM	1--	188.2	2.2
6 10 0.0	+17 59 54	AGL		-1.8 .4	-3.6 .2	-5.0 .3		896			SHARP. 257		C2-	192.6	-.0
6 10 18.8	+15 23 1	FIR			-1.4 .2	-2.9 .3		5186					-2-	194.9	-1.2
6 10 26.0	+18 33 42	IRC	.9 .4				M5	897	20138		GI ORI		1--	192.2	.3
6 10 40.0	+76 41 32	SAO	1.3 .3				M3	900	80013		DO 30069		2--	137.1	24.4
6 10 43.0	+17 58 36	FIR			-1.6 .2	-1.8 .3		5187			SHARP. 258		EO -2-	192.7	.1
6 11 11.1	+60 0 57	SAO	1.5 .3				K3 G	901	60164	2201	40 CAM		2--	154.1	19.0
6 11 31.3	+17 45 59	FIR			-1.5 .2	-2.8 .3		5188			NGC 2195	CL	-2-	193.0	.2
6 11 41.4	+13 52 8	AGL		-.6 .4	-2.7 .2	-4.0 .3		902			SHARP. 269		C2-	196.4	-1.7
6 11 51.5	+22 31 23	SAO	-1.8 C	-2.0 .4	-2.2 .2		M3 III	4478S	20139	2216	ETA GEM		C--	188.9	2.5
6 12 6.6	+56 45 8	SAO	.5 .3	-.2 .5			M6	903	60165		DO 30164		3--	157.7	17.9
6 12 24.9	- 6 15 29	SAO	.6 .3		-.6 .2		K3 III	905	-10113	2227	GAM MON		2--	214.4	-11.0
6 12 46.9	+14 16 20	FIR			-1.1 .2	-3.1 .3		5189			SHARP. 267		EO -2-	196.2	-1.3
6 13 6.0	-10 57 48	AGL	1.2 .3					906					1--	218.6	-12.9
6 13 18.3	+61 32 4	SAO	-.6 .3	-1.0 .2			M3 IIIAB	907	60166	2215	1 LYN	UW LYN	C--	153.0	19.8
6 13 54.0	+33 13 30	IRC	-.1 .4	-1.1 .4			M6	909	30148		VW AUR		1--	179.6	8.0
6 14 7.0	-27 29 30	IRC	.5 .3				M4	908	-30055				1--	234.5	-19.4
6 14 58.2	+ 8 32 20	EIC	1.2 .4				C5,4	910	10113		GK ORI		2--	201.5	-3.5
6 15 39.8	+23 20 39	FIR			-2.2 .2	-3.3 .3		5190					EO -2-	188.6	3.7
6 15 50.2	+15 17 16	FIR			-1.0 .2	-2.7 .3		5191			MWC 137	SHARP. 266 E?	-2-	195.7	-.1
6 16 58.0	-12 35 24	IRC	1.5 .3				M7	912	-10117		MWC 792		1--	209.7	-12.8
6 17 29.3	- 2 55 18	SAO	.5 .3				M1 G	913	100	2275	SVS 100729		2--	212.0	-8.3
6 17 37.0	-10 36 52	LKV	.6 .3	-2.7 .3	-4.0 .2	-4.5 .3	B9-A0E III	915			HD 44179		C2-	219.0	-11.8
6 18 4.0	+11 59 30	AGL	1.3 .3					916					1--	198.8	-1.2
6 18 12.0	+49 4 42	AGL	1.0 .3					4059					1--	165.4	15.7
6 18 20.0	+11 35 42	KJS	1.0 .3	-1.3 .4			M2	918			DO 1513		1--	199.2	-1.3
6 18 26.2	+ 2 35 35	SAO	1.3 .3				M5	919	101		DO 1522		2--	207.2	-5.6
6 19 15.3	+ 7 22 27	EIC	1.3 .3				C4.3E	920	10118		BN MON		2--	203.0	-3.1
6 19 22.0	- 3 50 12	IRC	1.9 .4	-1.6 .4	-2.4 .2	-2.7 .3	M10	921	102				C2-	213.0	-8.3
6 19 46.0	+ 3 27 0	EIC	1.1 .3				SC	923	103		FU MON		2--	206.5	-4.9
6 19 56.1	+22 32 28	SAO	-2.2 .4	-2.2 .4	-2.4 .2		M3 III	922	20144	2286	MUU GEM		C--	189.7	4.2
6 20 12.4	- 2 10 10	SAO	.1 .3	-.5 W	-.9 .2		M5E	925	104		V MON		C2-	211.5	-7.4
6 20 17.1	-33 24 36	SAO	1.2 .3				G4	924	-30064E	2296	DEL COL		1--	241.0	-20.2
6 21 2.9	+49 18 57	SAO	.2 .3	.2 C			K5 IAB	927	50164	2289	PSI1 AUR		3--	165.4	16.2
6 21 30.0	- 0 15 36	IRC	1.4 .3	1.1 W	.5 C		M7	4060	105				EO 1--	210.1	-6.2
6 21 41.0	- 0 4 0	IRC	1.5 .3	-.6 W	-1.6 .2		M7	928	106				C2-	209.9	-6.1
6 22 26.0	+17 2 32	FIR			-1.0 .2	-4.5 .3	M7	5192			GN ORI		-2-	189.9	2.3
6 22 27.1	+58 26 50	SAO	1.1 .3				K4 III	931	60167	2293	5 LYN		4--	156.5	19.8
6 22 36.9	+14 45 4	SAO	.1 .3	-.7 .4	-.1 .2		C6,3	934	10121	2308	BL ORI		2--	196.9	1.1
6 22 41.0	- 9 6 6	IRC	.3 .3	-1.2 .4	-1.7 .2	-2.5 .3	C	933	-10122		V636 MON		C2-	215.1	-10.0
6 23 4.7	- 9 30 21	JCG	1.0 .3	-1.3 .4	-1.6 .2		C RED	935					C--	213.2	-10.1
6 23 12.8	+13 10 13	FIR			-1.2 .2			5193					-2-	198.4	4
6 23 15.0	+ 5 35 6	AGL	1.1 .3					936					--	205.1	-3.1
6 23 17.0	+19 6 6	IRC	1.5 .3	1.1 W			C5,4	937	20145		AB GEM		1--	93.1	2.2
6 23 55.0	+ 9 3 5	AGL	1.4 .3	-1.1 ..	-.4 .2			940					1--	2.2	-1.2
6 24 4.0	+10 26 6	IRC	2.1 C	-1.0 .4	-1.1 .2		M7.5 III	4496S	10123				12-	210.2	-.7
6 24 8.0	+ 3 42 20	GCV	1.4 .3				M6	941			BY MON		1--	205.1	-2.3
6 24 19.0	+ 5 25 0	IRC	1.6 .3	1.9 W	1.4 W		M4 III	943	10124		SW MON		2--	205.1	-2.3
6 24 49.5	-10 9 44	FIR			-1.3 .2	-2.2 .3		5194					-2-	215.1	-11.0
6 25 2.0	+61 34 36	IRC	.8 .3	-.8 .2	-1.2 C		M5 III	945	60168		V LYN		C--	152.1	20.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
6 25 59.1	-13 1 11	CIO	1.3 C	-1.2 C	-3.[illegible] .2	-2.8 .3	B2E V	5195			HD 45677	FS CMA	-2-	222.1	-11.0
6 26 7.0	+16 38 24	IRC	.5 .3		-1.2 .2		M6.5	947	20147		AQ GEM	NGC 2234	2--	195.6	2.7
6 26 49.7	+ 8 49 42	FIR			-1.4 .2		M1	5196			V477 MON	EIC 135	-2-	202.6	-.8
6 27 4.0	-72 47 24	AGL		-1.9 .5	-3.4 .5			4062					1--	283.6	-27.7
6 27 41.2	+ 8 5 44	EIC	1.4 .3				M7	949	10125		DO 1612		1--	203.4	-1.0
6 27 52.0	+27 28 54	IRC	-.2 .4	-1.5 .4	-2.3 C		M7	950	30153		DW GEM		1--	186.1	8.0
6 28 [illegible].3	- 9 35 18	FIR			-1.1 .2			5197					EO -2-	219.2	-8.9
6 28 [illegible].4	+10 28 30	AGL	1.9 .5	.1 C	-2.2 .2	-2.7 .3		951			VY MON	IC 2167	C2-	201.3	.3
6 29 5.8	+43 19 30	JCG	1.2 .3	-1.4 .4			C	954					2--	171.6	15.1
6 29 45.0	+40 44 54	IRC	1.1 .4	-1.5 .4	-2.2 W		M8	955	40156		DO 12285		2--	174.1	14.1
6 29 59.9	+10 12 17	FIR			-.9 .2			5198			LKHA 215	NGC 2245	-2-	201.8	.5
6 30 .3	+60 58 48	JCG	-.5 .3	-3.0 .2	-3.9 .2	-4.1 .3	M7	956	60169		DO 30551		C--	154.3	21.5
6 30 23.3	+55 23 32	SAO	1.4 .3				K4	957	60170	2376	7 LYN		2--	160.0	19.7
6 30 26.0	+64 7 54	IRC	.9 .4	.4 .2			M6E III	958	60171		RT CAM		3--	151.1	22.5
6 30 31.8	+10 21 45	AGL		-.4 .4	-.7 .2			4508S			NGC 2247	V490 MON	C2-	201.7	.7
6 30 59.0	+ 4 3 24	FIR			-1.4 .2	-2.9 .3		5199					EO -2-	207.3	-2.1
6 31 32.0	+16 7 12	IRC	.8 .3		-.7 .2		C8,3E	959	20152		CR GEM		2*-	196.7	3.6
6 31 42.3	+ 2 34 24	FIR			-.9 .2			5200			HD 46573	SHARP. 280	-2-	208.7	-2.6
6 31 55.7	+45 39 51	SAO	.6 .3				M4 III	962	50170		TU AUR		2--	169.6	16.4
6 31 56.1	+ 5 0 31	SAO	1.1 .3				M2 III	964	10126		DO 1635		2--	206.6	-1.5
6 31 58.7	+ 4 15 17	CIO	4.2 C	-.4 .4	-3.4 .2	-4.5 .3		961			ROSETTA NEB		C2-	207.3	-1.8
6 31 58.9	- 5 1 21	FIR			-1.8 .2	-2.7 .3		5201					-2-	215.5	-6.1
6 33 6.6	+38 29 16	SAO	-1.3 .3	-2.1 .3	-2.0 C		C7,4	966	40158	2405	UU AUR		2--	176.5	13.8
6 33 7.0	+14 15 24	IRC	1.3 .3	.7 C	-1.2 .2		S8,5	967	10128		DY GEM		C--	198.5	3.1
6 33 18.9	- 5 20 7	EIC	-.3 .3	-1.5 .4	-1.5 .2		M6.5	968	-10131		GL MON		C2-	216.0	-5.9
6 33 57.0	+17 46 18	AGL		-1.4 .4				969					1--	195.5	4.9
6 34 8.0	+21 9 12	IRC	1.2 .3	-.3 .4	-.2 W		M6	970	20153		AX GEM		2--	192.5	6.5
6 34 16.5	+ 3 28 4	JCG	.4 .4	-2.2 .4	-2.0 .2	-2.6 .3	M5 RED	971					12-	208.2	-1.7
6 34 30.1	-19 12 43	SAO	1.3 .4				K1 IV	972	-20096	2429	NU2 CMA		2--	228.7	-11.8
6 34 38.0	+14 45 6	IRC	1.5 .3				M7	976	10129		UU GEM		1--	198.3	3.6
6 34 49.4	+16 26 37	SAO	1.5 .3	1.8 C			A0 IV	975	20154	2421	GAM GEM		2--	196.8	4.5
6 34 59.1	- 1 21 2	EIC	.2 .3	-1.3 .3	-2.0 .2		M6E	977	119		SY MON		22-	212.6	-3.7
6 35 41.4	-18 11 34	SAO	1.2 .3				K1 II	980	-20098	2443	NU3 CMA		2--	227.9	-11.1
6 35 56.2	- 1 36 4	FIR			-.5 .2	-2.4 .3	M6.5	5202	121		CY MON		-2-	212.9	-3.6
6 36 11.2	+ 5 14 11	SAO	1.4 .3				M5	981	10130		DO 1689		2--	206.9	-.4
6 36 21.0	+59 54 54	IRC	.4 .3	-1.3 .4	-1.6 W		M7E	982	60172		U LYN		5--	155.7	21.9
6 36 25.4	+ 8 48 1	CIO	2.5 C	0.7 C	-2.4 .2	-3.1 .3		5203			R MON	NGC 2261	-2-	203.7	1.3
6 36 57.0	- 2 24 24	IRC	1.8 .3				M6	986	122		DO 1697		1--	213.8	-3.8
6 36 59.5	-14 5 58	SAO	1.0 .3				K3 III	985	-10135	2450	GC 8694		2--	224.3	-9.0
6 37 21.0	+ 6 38 44	FIR			-2.0 .2	-2.9 .3		5204					-2-	205.8	.5
6 38 4.1	+ 9 49 32	AGL		-1.2 .5	-1.2 .2	-2.6 .3		4519S			NGC 2264	H II	22-	203.0	2.1
6 38 25.3	+ 9 32 29	JCG	1.4 .3	-1.1 .3	-3.4 .2	-4.6 .3		989			NGC 2264		C2-	203.3	2.1
6 38 28.1	+10 3 8	FIR			-1.4 .2			5205			V609 MON		EO -2-	202.9	2.3
6 38 34.0	+27 6 42	AGL	1.2 .3					988					1--	187.5	10.0
6 38 45.7	+55 31 25	SAO	.9 .3	.6 W	.7 W		M6	991	60173		SU LYN		5--	160.3	20.9
6 38 48.0	+ 2 48 30	AGL	1.5 .3					990					1--	209.3	-1.0
6 39 23.0	+ 8 50 6	AGL	1.1 .3					995					1--	204.1	1.9
6 39 26.7	+44 34 29	SAO	.9 .3				K5 III	994	40161	2459	PSI4 AUR		2--	171.2	17.3
6 39 38.0	+ 1 24 6	AGL	1.5 .3					996					1--	210.7	-1.4
6 40 14.0	+57 58 12	IRC	1.5 .3	1.5 W	1.5 W		M6E	998	60175		S LYN		1--	157.8	21.8

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
6 40 18.0	-14 24 24	IRC	.5 .2	-1.6 .4	-1.5 .2		M7	999	-10138		DY CMA		2*-	224.9	-8.5
6 40 19.0	-18 57 36	IRC	1.4 .3				M7	997	-20102		GN CMA		2--	229.1	-10.4
6 40 51.4	+25 10 57	SAO	-.2 .3	0.0 C			G8 IB	1001	30164	2473	EPS GEM		2--	189.5	9.6
6 41 18.6	- 1 4 48	FIR			-2.3 .2	-3.6 .3		5206					-2-	213.1	-2.2
6 41 19.3	+77 2 42	SAO	.8 .3				M6	1003	80015		DO 30694		4--	137.5	26.2
6 41 35.4	+29 1 24	SAO	1.5 .3	1.8 C			K4 G	1004	30165	2480	28 GEM		2--	186.1	11.4
6 42 9.6	+ 9 3 31	FIR			-1.5 .2		M6.5	5207	10135		FX MON		EO -2-	204.2	2.7
6 42 55.7	-16 38 46	SAO	-1.2 .4	-1.4 .3	-1.5 .2		A1 V	1007	-20105	2491	ALF CMA		C2-	227.2	-8.9
6 43 28.0	-36 28 42	IRC	1.2 .3					1008	-30071E		CH PUP		1--	245.8	-16.9
6 43 55.0	+30 20 12	IRC	1.1 .4	.2 C			M6E III	1009	30166		X GEM		2--	185.1	12.4
6 44 15.1	+ 1 20 28	FIR			-1.2 .2	-2.2 .3		5208			V507 MON	NGC 2282	-2-	211.3	-.4
6 44 36.9	+ 8 5 34	SAO	1.4 .3				K4 III	1010	10138	2503	17 MON		2--	205.3	2.7
6 44 49.8	+ 0 32 45	FIR			-.9 .2	-2.5 .3		5209					-F-	212.0	-.7
6 45 10.0	-20 16 12	IRC	.8 .3				M7	1012	-20107				1--	230.8	-10.0
6 45 13.8	- 8 56 33	SAO	.3 .3				M2 IIABS	1014	-10139	2508	GC 8891		1--	220.5	-4.9
6 47 5.0	+ 3 2 6	IRC	.8 .3	-1.3 .3	-.1 .2	-2.3 .3	C	1017	131		6,400		1*-	210.1	1.0
6 47 17.0	-66 50 30	AGL			-5.0 .4	-7.0 .6		4064					2--	277.2	-25.2
6 48 55.6	+ 5 50 54	AGL	1.3 .3		-1.2 .2			1020					12-	207.8	2.7
6 49 6.5	+61 4 39	SAO	.7 .3	-.6 .4			M6	1021	60176		DO 30947		5--	154.9	23.8
6 49 7.4	- 6 53 59	FIR			-1.9 .2	-2.3 .3		5210			HD 50138		-2-	219.1	-3.1
6 49 18.1	+ 4 49 32	SAO	.2 .3	-.8 .4			M6.5	1022	134		SX MON		2--	208.7	2.3
6 49 35.9	-18 58 34	FIR			-1.6 .2		M6-8E	5211	-20110		DL CMA		-2-	230.0	-8.5
6 50 3.5	+ 8 29 0	EIC	-.7 .3	-2.6 .3	-4.1 .2	-4.6 .3	M9	1028	10143		GX MON		C2-	205.6	4.1
6 50 25.7	-12 5 22	AGL	1.7 .4		-1.6 .2			45385			SVS 100778		1--	223.9	-5.2
6 50 57.4	-26 54 40	FIR			-.5 .2		M4	5212	-30070	2567	GC 9018		-2-	237.4	-11.6
6 51 52.0	-11 58 29	SAO	.4 .2				K4 III	1034	-10140	2574	THE CMA		2--	224.0	-4.9
6 52 3.4	-24 7 13	SAO	.2 .3	-.2 C	-.6 C		K2 IAB	1035	-20112	2580	OMI1 CMA		1--	235.0	-10.2
6 52 48.3	+77 2 44	SAO	1.1 .3	-.0 .2			K4 III	1036	80016	2527	GC 9073		3?-	137.6	26.9
6 52 55.6	+ 6 26 37	EIC	.3 .3	-1.2 .4	-1.5 .2		C6,3E	1038	10144		CL MON		12-	207.7	3.8
6 53 9.1	- 2 16 20	SK	1.2 .3					1039			RED STAR		1--	215.5	-.1
6 53 32.3	-16 46 26	FIR			-.7 .2		M7	5213	-20113		GS CMA		-2-	228.5	-6.7
6 53 49.1	-13 58 39	SAO	1.5 .3				K2 III	1041	-10141	2593	MUU CMA		1--	226.0	-5.3
6 53 55.2	+37 27 41	SAO	1.2 .3				M5	1042	40167		DO 12662		2--	179.2	17.2
6 54 41.0	-23 53 42	IRC	.4 .3	-.7 C	-1.4 .2		M7	4065	-20114		X CMA		12-	235.0	-9.6
6 55 7.6	+ 3 22 14	EIC	1.1 .3	-.2 C			M9	1043	140		AZ MON		1--	210.7	2.9
6 55 40.7	+ 6 14 8	SAO	.7 .3	-.2 C	-2.4 .2		C4,5	1045	10146		RV MON		C--	208.2	4.3
6 55 43.6	- 8 57 32	SAO	1.1 .3				M5	1044	-10143		V523 MON		1--	221.7	-2.6
6 55 51.9	-13 58 17	FIR			-3.7 .2	-4.0 .3		5214					-F-	226.2	-4.9
6 56 16.2	+ 3 39 8	FIR			-1.2 .2			5215					-F-	210.6	3.3
6 56 48.4	- 3 53 47	FIR			-3.6 .2	-4.7 .3		5216					-F-	217.4	-.1
6 57 10.8	+55 24 7	SAO	1.5 .4	.2 C	-1.0 C		S3,9E	1050	60179		R LYN		4--	161.2	23.4
6 57 21.2	- 7 40 50	FIR			-2.5 .2	-3.8 .3		5217			NGC 2316	H II	-2-	220.8	-1.7
6 57 23.4	+16 8 59	SAO	1.2 .3				K3 IB	1051	20163	2615	41 GEM		2--	199.5	9.2
6 58 27.0	+30 36 12	IRC	1.6 .3	1.8 C	-3.8 .4		M8	1052	30171		RS GEM		1--	186.1	15.4
6 58 31.9	- 3 10 50	SAO	1.0 .3				C4,5	1053	141		V614 MON		1--	216.9	.6
6 58 59.0	-76 55 12	AGL		-1.6 .4	-2.9 .5			4066					1--	288.4	-26.1
6 59 25.8	-11 13 23	FIR			-.9 .2			5218			HD 52721	SHARP. 293	-2-	224.2	-2.9
6 59 31.0	+17 49 43	SAO	.3 .3				M6	1055	20166	2631	NP GEM		2--	198.2	10.4
6 59 40.3	+16 44 52	SAO	1.3 .3				M2 G	1056	20167	2635	DO 12745		2--	199.2	9.9
6 59 43.6	-27 51 43	SAO	-.7 .3	-1.4 .4	-1.0 .2		K7 IB	1057	-30072	2646	SIG CMA		C?-	239.2	-10.3

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
7 0 3.0	- 4 33 36	AGL	1.4 .3					1058					1--	218.3	.3
7 0 13.3	+70 48 28	SAO	1.6 .3				K5	4067	70073	2617	DO 31137		1--	144.6	26.7
7 1 17.3	- 2 30 20	FIR			-2.1 .2	-2.3 .3		5219					-2-	216.6	1.6
7 1 22.6	-11 28 35	CIO	1.2 .3	-1.8 .3	-3.0 .2	-3.6 .3		1059			Z CMA		C2-	224.6	-2.6
7 1 47.0	-11 13 45	FIR			-1.9 .2	-3.1 .3		5220			NGC 2327	H II	-2-	224.4	-2.4
7 2 1.0	-10 22 34	FIR	4.7 C	3.7 C	-1.7 .2	-2.9 .3	M5	5221			HD 53367	CMA R1#20 EO	-2-	223.7	-1.9
7 2 4.0	- 8 52 36	IRC	1.2 .3	-1.4 .3	-2.8 .2		M8 III	1060	-10147		HN MON		2--	222.4	-1.2
7 2 37.0	+10 37 35	SAO	1.5 .3				M4	1061	10150		SVS 6546		1--	205.1	7.9
7 2 48.8	-14 56 21	JCG	1.3 .3	-1.3 .3	-.3 .2		C	1062					C?-	227.8	-3.8
7 2 56.6	-12 14 31	FIR			-1.8 .2	-3.4 .3		5222			CMA R1#27	SHARP. 297 E?	-2-	225.5	-2.6
7 3 26.5	-35 51 46	SAO	-1.0 .3	-1.8 .4	-3.2 .5		MC	1064	-30073E		SVS 965		1--	246.9	-13.0
7 3 32.4	-25 1 55	SAO	.7 .3				M5	1065	-30073				1--	237.0	-8.3
7 4 0.0	+59 31 12	AGL	1.8 .3					4068					1--	157.0	25.2
7 4 14.7	+ 8 57 18	EIC	1.2 .3				M6.5E III	1067	10153		V CMI		1--	206.7	7.5
7 4 31.1	- 7 28 43	EIC	.2 .3	-1.2 .4	-.2 .2		C5,5	1070	-10149		RY MON		C*-	221.4	-.0
7 5 6.0	+66 1 24	IRC	1.4 .3	-.1 .2	-1.0 C		K0	1072	70074				C--	149.9	26.5
7 5 10.0	+24 10 54	IRC	.8 .3				M5	1073	20172		DO 12802		2--	192.8	14.2
7 5 26.0	-10 39 30	IRC	1.4 .3	-1.8 .3	-2.3 .2		M8	1074	-10151				C2-	224.3	-1.3
7 5 43.2	-11 50 35	SAO	.3 .3	-1.3 .4	-1.1 .2		C6,3	1075	-10152		W CMA		22-	225.4	-1.8
7 5 58.4	+ 4 15 24	SAO	1.6 .3				M3	1077	146		DO 1964		1--	211.2	5.7
7 6 14.2	- 4 12 46	FIR			-2.3 .2	-3.0 .3		5223			IC 0466		-2-	218.7	1.9
7 6 21.4	-26 18 45	SAO	.3 .3	0.0 C			F8 IA	1078	-30076	2693	DEL CMA		1--	238.4	-8.3
7 6 30.0	+58 32 42	AGL	2.1 .3					4069					1--	158.1	25.3
7 6 32.3	-72 56 8	CIO		-2.3 .4	-2.5 C		ME	4070			R VOL		1--	284.2	-24.8
7 7 42.9	-18 26 53	FIR			-1.9 .2	-2.4 .3		5224			SHARP. 301	E?	-*-	231.5	-4.4
7 7 57.5	+30 19 45	SAO	1.2 .3				K2 III	1080	30178	2697	TAU GEM		3--	187.2	17.2
7 8 13.1	+39 24 15	SAO	1.2 .3	-2.0 .3			K4 II	1081	40170	2696	63 AUR		2--	178.3	20.5
7 8 36.2	- 0 16 50	FIR			-.4 .2		A8 N	5225			V571 MON		-2-	215.5	4.2
7 9 7.9	-19 44 53	FIR	7.4 C	1.1 C	-1.6 .2	-2.6 .3		5226			M1-11	PLAN. NEB EO	-2-	232.8	-4.7
7 9 9.6	-29 2 15	SAO	.5 .3		-1.0 .2		M5	1082	-30078		GW CMA		12-	241.2	-8.9
7 9 29.8	+51 30 50	SAO	.6 .3				M3 IIIAB	1083	50175	2703	UY LYN		3--	165.8	24.2
7 9 34.1	+68 53 25	SAO	1.0 .3				M5S	1084	70075		AA CAM		4--	146.8	27.3
7 9 53.7	-20 12 18	JCG	.2 .3	-2.1 .3	-2.0 .2	-2.4 .3	C	1085					12-	233.3	-4.8
7 10 23.3	- 7 50 30	EIC	1.3 .3				M9 III	1087	-10153		AM MON		2--	222.4	1.1
7 10 30.0	+16 14 44	SAO	-.4 .3	-.9 .3			M4 IIIAB	1086	20175	2717	BQ GEM		2--	200.8	12.0
7 11 28.5	- 6 17 45	FIR			-.7 .2	-3.4 .3		5227					-F-	221.2	2.1
7 12 49.9	+27 59 11	SAO	1.3 .3				M1 IIIA	1091	30179	2738	53 GEM		3--	189.9	17.3
7 12 59.4	+ 5 8 56	EIC	1.6 .3			-3.0 .3	C5,5	1092	10158		DO 2053		1--	211.2	7.7
7 14 28.7	+48 36 38	SAO	.7 .3	-.4 .4	-.5 C		M8	1094	50177		RS LYN		3--	169.1	24.2
7 14 30.3	-23 13 32	SAO	.4 .3				K3 IB	1095	-20125	2764	SVS 100845		1--	236.5	-5.2
7 14 34.7	-27 47 30	SAO	0.0 .3				M3 G	1096	-30083	2766	GC 9678		1--	240.6	-7.3
7 15 0.0	+38 8 30	IRC	-.2 .3	-1.2 .3			M7	1098	40172		DO 12919		2--	180.0	21.3
7 15 15.8	-34 44 14	CIO	.3 .3	-2.1 .4			M6	1099	-30075E				1--	246.9	-10.3
7 16 31.4	-15 47 46	CIO	1.2 .3				M6.5	1101			2 SOURCES		1--	230.1	-1.3
7 17 3.0	+31 27 39	SAO	1.4 .3				M7	4071	30180		DO 12946		1--	186.9	19.4
7 17 8.3	+22 4 34	SAO	1.6 .3				F0 IV	1103	20177	2777	DEL GEM		2--	196.0	15.9
7 17 19.1	-17 34 55	FIR			-1.5 .2			5228			DW CMA		-*-	231.8	-2.0
7 17 50.7	+87 7 35	SAO	.7 .3				M2 III	1106		2609	SVS 927		6--	126.2	27.7
7 18 1.3	-13 13 28	FIR			-2.1 .2			5229					-2-	228.1	.2
7 18 7.1	+55 54 4	SAO	1.6 .3				M6	1104	60182		SVS 100850		2--	161.4	26.4

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
7 18 48.0	+ 4 44 42	AGL	1.9 .3					1105					1--	212.2	8.8
7 20 12.7	-20 24 36	SAO	.4 .3	.5 C			M6 III	1108	-20129		GH CMA		1--	234.6	-2.7
7 20 40.9	+82 30 50	SAO	-.2 .3	-.4 .2	-.9 .2		M4	1110		2742	VZ CAM		C24	131.4	28.2
7 20 50.0	+47 16 42	CIO	<1.4 .3				M7	1109	50178		SVS 6578		2--	170.8	24.9
7 20 54.6	-25 40 12	SAO	-3.0 .3	-6.0 .3	<-7.5 .2	-7.7 .3	M5E IA	1111	-30087		VY CMA		C2-	239.4	-5.1
7 21 28.2	-27 44 10	SAO	1.2 .3				M1	1112	-30090	2822	GC 9870		1--	241.2	-5.9
7 21 37.8	-12 48 57	FIR			-1.5 .2			5230					-2-	228.1	1.2
7 22 1.9	-23 24 33	FIR			-1.0 .2			5231					-2-	237.5	-3.8
7 22 33.4	-21 24 22	AGL	1.3 .3		-1.4 .2		M7	1113					12-	235.8	-2.7
7 22 37.4	+27 53 57	SAO	1.3 .3	-.8 .4			G9 IIIB	1114	30183	2821	IOT GEM		3--	190.8	19.3
7 22 52.0	+ 6 10 42	AGL	1.6 .3					1115					1--	211.4	10.3
7 23 0.0	+33 28 12	IRC	1.3 .3	-.3 C	-.6 C		M10E	1117	30184		XX GEM		2--	185.3	21.3
7 23 19.0	- 5 44 24	IRC	1.1 .3	-.2 W	-1.0 .2		M5E III	1118	-10163		TT MON		C*-	222.1	4.9
7 24 33.5	+46 5 36	SAO	-.8 .3	-1.6 .4	-2.2 C		M5S	1120	50180		Y LYN		3--	172.3	25.3
7 25 1.1	+48 1 29	SAO	1.0 .3				M4 G	1123	50181		SVS 100869		2--	170.2	25.8
7 25 4.0	-26 18 48	AGL	1.3 .3					1124					1--	240.4	-4.5
7 25 5.0	+41 4 36	IRC	1.1 .3				M4	1122	40177		VX AUR		3--	177.6	24.0
7 25 22.0	-66 44 0	AGL		-2.7 .4				4072					1--	278.2	-21.6
7 25 26.4	+ 9 1 42	SAO	.5 .3				K3 III	1127	10164	2854	GAM CMI		1--	209.0	12.2
7 26 37.0	-10 15 6	AGL	1.3 .3					1129					1--	226.4	3.5
7 26 42.2	+28 1 16	SAO	1.4 .3				K2 III	1130	30186	2861	65 GEM		2--	191.1	20.2
7 27 1.0	-19 21 24	IRC	.7 .3	-1.2 .3	-.9 .2	-2.7 .3	C	1131	-20131				C2-	234.5	-.8
7 27 15.9	+50 9 17	SAO	1.3 .3		-3.9 .6		M7	1133	50182		SVS 100875		3--	168.0	26.6
7 27 58.0	+51 53 6	AGL	1.2 .4					1134					2--	166.1	27.1
7 27 58.2	-18 28 38	FIR			-2.7 .2	-4.0 .3		5232			RCW 8	EO	-2-	233.8	-.2
7 28 13.0	+20 39 0	IRC	.9 .3	-.1 .4			M6	1136	20181		DO 13079		1--	198.4	17.7
7 28 24.1	- 9 40 18	GCV	1.7 .4	-1.6 .3	-2.2 .2	-2.5 .3	F8-K0 IB	1135			U MON		C2-	226.1	4.2
7 29 39.7	-19 14 48	FIR			-1.0 .2	-2.4 .3		5233			M1-15	PLAN. NEB EO	-2-	234.7	-.2
7 29 51.0	-16 51 25	FIR			-2.6 .2	-4.1 .3		5234			NGC 2409	NF RNGC EO	-2-	232.6	1.0
7 30 .3	+ 8 25 36	SAO	-.1 W	-1.6 .3			M7E III	1138	10167		S CMI		1--	210.1	12.9
7 30 28.4	-20 33 13	CIO	.5 .3	-1.8 .3	-2.2 .2	-2.9 .3	M5E III	1140	-20133		Z PUP		12-	235.9	-.7
7 30 41.7	+11 7 15	SAO	1.5 .3				M5	1139	10168		DO 2247		1--	207.7	14.3
7 30 44.0	+30 37 12	IRC	.8 .3	-1.9 .4	-2.5 C		M9.5	1141	30187				3--	188.8	21.9
7 31 9.6	+66 34 51	SAO	1.5 .4				M4 G	1143	70078		DO 31652		3--	149.6	29.1
7 31 13.9	-22 3 30	FIR			-1.2 .2	-2.8 .3		5235					-2-	237.3	-1.3
7 31 24.7	+31 59 59	SAO	1.1 .4	1.4 C			A1 V	1144	30188	2891	ALF GEM		3--	187.4	22.5
7 31 30.1	-14 24 52	SAO	-.3 .3	.1 C	-1.2 .2		M2EP IAB+B	1145	-10169	2902	KQ PUP		C*-	230.7	2.5
7 32 50.6	+27 0 31	SAO	<.1 .3	-1.2 .5			M0 III	1150	30190	2905	UPS GEM		1--	192.6	21.1
7 32 54.1	+46 17 33	SAO	1.3 .3				M0 G	4073	50184	2903	DO 31700		1--	172.4	26.7
7 33 0.0	-23 52 24	IRC	.9 .3	-1.8 .3	-2.4 .2	-2.5 .3	LATE M	1151	-20134		DU PUP		1*-	239.1	-1.8
7 33 9.1	+ 0 22 2	FIR			-2.1 .2	-2.3 .3	G	5236			AI CMI		-2-	217.8	10.0
7 33 14.2	-18 39 8	AGL			-1.5 .2	-3.2 .3		4613S			SHARP. 307		C2-	234.6	.8
7 34 45.4	+38 22 22	SAO	1.5 .3				M5	4074	40181		DO 13184		1--	181.0	25.1
7 36 41.1	+ 5 21 17	SAO	-.8 .3	-1.1 C	-1.1 C		F5 IV	1161	10170	2943	ALF CMI		1--	213.7	13.0
7 36 52.9	+38 27 39	SAO	1.2 .3	1.5 C	1.2 C		M0 G	1160	40183	2935	DO 13215		3--	181.1	25.5
7 37 19.0	-84 57 6	AGL			-3.4 .4			4075					1--	297.5	-26.2
7 37 34.0	- 8 45 36	AGL	-3.4 .3					4076				EO	1--	226.4	6.6
7 37 38.0	-21 35 54	AGL	1.3 .3	-.4 .4			M6	1162					1--	237.6	.3
7 38 11.0	+20 32 42	IRC	.9 .3	.3 W	0.0 W		M6E G	1163	20187		Y GEM		2--	199.5	19.8
7 38 51.5	- 9 26 0	SAO	1.4 .3				K0 III	4623S	-10174	2970	ALF MON		1--	227.2	6.5

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
7 39 3.6	+13 35 56	SAO	1.0 .3				M5	1167	10172	2965	DO 2303		2--	206.3	17.2
7 39 14.1	+14 19 37	SAO	.8 .3				M3 IIBS	1168	10173	2967	NZ GEM		1--	205.6	17.5
7 39 18.5	- 4 3 33	EIC	1.3 .3	.2 C			M8	1169	161				2--	222.5	9.2
7 39 55.3	-10 45 39	SAO	.9 .3	.6 C			S3,6	1173	-10175		SU MON		1--	228.5	6.1
7 39 57.5	-14 36 54	FIR			-3.7 .2	-5.1 .3	M	5237			OH739-14		-2-	231.8	4.2
7 40 11.4	+29 0 22	SAO	1.4 .3				K1 III	1174	30191	2973	SIG GEM		2--	191.2	23.3
7 40 47.1	+38 57 31	SAO	1.4 .3				M6	1175	40184		DO 13256		3--	180.8	26.4
7 41 4.0	+25 54 18	SAO	1.3 .3				K4.5 III	1176	30193	2983	76 GEM		2--	194.4	22.4
7 41 25.9	+24 31 11	SAO	1.1 .3				G8 IIIA	1178	20188	2985	KAP GEM		2--	195.8	22.0
7 41 31.2	-28 17 27	SAO	.7 .3				K3 IB	1179	-30098	2993	1 PUP		1--	243.9	-2.3
7 41 48.0	-28 50 3	SAO	.2 .3	-2.2 .3	-2.8 .2	-3.3 .3	A3EP II	1181	-30099	2996	3 PUP		C2-	244.4	-2.5
7 42 15.5	+28 8 55	SAO	-1.4 .2	-1.4 .3	-1.3 C		K0 IIIB	1183	30194	2990	BET GEM		2--	192.2	23.4
7 42 19.0	+30 54 0	IRC	1.5 .3	-.8 .3			M10 III	1184	30195		AU GEM		2--	189.4	24.3
7 43 13.6	+18 38 1	SAO	1.1 .3	-.2 .5			K3 III	1186	20189	3003	81 GEM		2--	201.9	20.1
7 43 19.3	+37 38 25	SAO	.8 .3				M2 IIIB	1187	40186	2999	DO 13275		3--	182.3	26.5
7 43 33.0	-58 19 36	AGL			-4.6 .6			4077					1--	270.9	-16.4
7 44 17.1	+33 32 25	SAO	.8 .3	.9 C			M1 IIIA	1191	30196	3013	PI GEM		1--	186.8	25.5
7 44 34.0	-26 13 11	CIO	.9 .3	-1.7 .4	-1.6 .2		M6	1192			SS PUP		1--	242.4	-.7
7 44 38.2	-32 10 51	SAO	1.0 .3	-1.4 .4	-2.9 .2	-2.9 .3	M5	4633S	-30100				12-	247.6	-3.7
7 45 37.0	-71 10 6	AGL		-4.0 .4	-4.2 .4	-6.6 .7		4078			NGC 2466	GALAXY-SA	2--	283.4	-21.4
7 47 11.4	-24 43 59	SAO	.9 .3	-1.2 .4			G3 IB	1195	-20145	3045	XI PUP		1--	241.5	.6
7 48 41.0	- 2 29 36	IRC	.9 .3	-.7 .4	-.2 C		C	1199	162		V633 MON		1--	222.2	12.0
7 49 29.8	+ 3 24 28	SAO	.6 .3				M5	1200	163	3061	BC CMI		2--	217.0	15.0
7 50 28.6	-26 16 6	FIR			-3.0 .2	-4.0 .3		5238			NGC 2467	CL + H II ED	-2-	243.2	.4
7 51 54.0	-26 13 2	SAO	0.0 .3				M7	1204	-30103		OR PUP		1--	243.3	.7
7 52 57.0	-36 3 0	AGL			-4.2 .4			1209					1--	251.8	-4.2
7 53 38.4	-28 30 55	SAO	1.6 .3		-2.3 .2	-2.3 .3	M3	4646S	-30105		HU PUP		C2-	245.4	-.1
7 55 40.6	-20 18 41	FIR			-2.4 .2		M2.5 IAB	5239	-20152		HD 65412		-2-	238.7	4.5
7 58 28.0	-12 41 54	IRC	1.0 .3	-.9 .4	-2.3 .2		M6E III	1215	-10184		U PUP		1*-	232.5	9.1
7 58 40.7	- 1 15 9	SAO	.9 .3	1.0 C			K4 III	1216	166	3141	28 MON		1--	222.4	14.6
7 59 39.9	+ 2 28 24	SAO	1.2 .3	1.3 C			K2 III	1218	167	3145	GC 10891		2--	219.1	16.8
8 0 23.8	+36 29 10	SAO	0.0 .2	-1.0 .4			M5 G	1220	40192		SV LYN		2--	184.6	29.5
8 1 47.0	-31 18 12	IRC	1.3 .3				M7	1223	-30114				1--	248.7	-.1
8 2 19.2	-32 31 56	SAO	.2 .3				M1 C	1224	-30115	3170	MZ PUP		1--	249.8	-.7
8 3 20.7	+22 46 48	SAO	1.1 .3				M3 III	1227	20195	3169	BL CNC		2--	199.6	26.0
8 3 29.2	+ 5 43 34	EIC	1.6 .3				M5	1228	10182				2--	216.5	19.1
8 5 3.0	-28 40 3	FIR			-1.5 .2	-2.9 .3		5240					-2-	246.9	1.9
8 5 30.8	-20 32 16	SAO	1.1 .3		-.5 .2		M2	1231	-20158		BG PUP		1?-	240.1	6.4
8 6 25.0	+65 22 24	IRC	.5 .3	-.6 .2			M5-6 G	1232	70082		RZ UMA		C--	150.9	32.7
8 8 23.0	+19 17 52	SAO	1.0 .3	1.0 C			M3	1233	20197		VV CNC		1--	203.7	25.9
8 8 25.2	-15 9 59	FIR			-.8 .2		M8E	5241	-20159		DP PUP		-2-	235.9	9.8
8 8 35.0	- 3 18 47	FIR			-1.8 .2	-2.9 .3		5242					-*-	225.5	16.0
8 8 51.4	-32 43 8	CIO	.9 .3		-3.0 .2	-2.8 .3	C	1235					C2-	250.7	.4
8 9 25.6	- 3 41 6	FIR			-.8 .2	-2.7 .3		5243					-?-	225.9	16.0
8 9 32.5	- 3 11 5	FIR			-2.3 .2	-2.2 .3		5244					-F-	225.5	16.2
8 9 37.1	- 3 14 40	FIR			-1.9 .2	-2.8 .3		5245					-F-	225.5	16.2
8 9 42.1	- 2 49 28	FIR			-1.7 .2	-2.4 .3		5246					-F-	225.2	16.4
8 10 42.0	-62 36 42	AGL		-2.5 .4				4081					1--	276.4	-15.4
8 10 56.7	- 2 35 4	FIR			-1.9 .2	-2.0 .3		5247					-F-	225.1	16.8
8 11 4.5	-33 9 30	FIR			-2.8 .2	-3.4 .3		5248					-2-	251.4	.5

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
8 11 44.0	+24 53 16	SAO	1.0 .3				M7	1240	20198		RX CNC		2--	198.1	28.6
8 13 48.3	+ 9 20 28	SAO	0.0 .3				K4 III	4680S	10186	3249	BET CNC		1--	214.3	23.0
8 13 48.5	+11 52 53	SAO	-1.3 .2	-2.4 .3	-3.3 .4		M6.5E	1241	10185	3248	R CNC		3--	211.7	24.1
8 15 1.6	-31 20 40	FIR			-.5 .2		M7	5249	-30121		NN PUP		-2-	250.3	2.2
8 15 12.0	+72 33 55	SAO	1.2 .4				M0 G	4082	70083	3236	DO 32187		3--	142.3	32.5
8 17 3.7	-21 35 8	FIR			-3.0 .2	-3.5 .3		5250					-2-	242.5	8.1
8 17 30.6	+ 2 55 43	CIO	.9 .3				C6,4E	1243	172		RY HYA		2--	220.9	20.9
8 18 54.7	+ 5 7 6	SAO	0.0 .2	-.9 .3			M6	1244	10187		FZ HYA		2--	219.0	22.3
8 19 25.2	+43 21 1	SAO	.1 .2				K7 III	1245	40195	3275	31 LYN		2--	177.4	34.3
8 19 36.9	+15 9 11	SAO	.6 .3	-.8 .4			M6 III	1247	20199		Z CNC		3--	209.1	26.8
8 20 3.5	-25 28 16	SAO	.8 .3		-1.5 .2		M4	4684S	-30124		OT PUP		C*-	246.1	6.4
8 21 11.2	+10 47 40	SAO	1.3 .3				M2 G	4083	10188	3290	21 CNC		1--	213.7	25.3
8 21 54.0	+52 26 30	IRC	1.2 .3	1.0 W	1.1 W		M5	1249	50191		DO 32264		2--	166.4	35.3
8 22 2.2	- 8 21 27	SAO	-.3 .3	-1.8 .3	-2.7 .2		M8	1250	-10194		FK HYA		C2-	231.8	16.3
8 23 36.9	- 4 44 11	EIC	.2 .3	-1.0 .2	-2.0 W		K5	1253	175				1--	228.7	18.5
8 23 43.0	+ 3 53 0	AGL	1.2 .3					1254					1--	220.7	22.8
8 23 58.1	+12 49 16	SAO	.6 .3				M3 IIIAB	1255	10189	3319	BP CNC		3--	212.0	26.8
8 26 7.6	+60 53 15	SAO	1.0 .3	.1 C			G5 IIIA	4085	60187	3323	OMI UMA		1--	156.0	35.4
8 27 13.3	- 6 9 0	LKR	-.3 W	-1.3 .4	-1.5 .2		M6E	1258	-10196		RT HYA		C2-	230.5	18.5
8 27 39.0	-61 14 6	AGL			-5.1 .6			4086					1--	276.3	-13.0
8 27 44.0	-21 17 36	AGL	1.5 .3					1260					1--	243.6	10.3
8 28 44.8	+18 15 53	SAO	1.2 .3				M1 G	1262	20200	3357	THE CNC		2--	206.8	30.0
8 29 48.2	+67 21 38	SAO	1.3 .3		-1.7 .2		M8	1265	70085		DO 32354		3--	148.1	34.8
8 34 3.5	-33 57 8	FIR			-1.6 .2			5251					-2-	254.8	3.9
8 34 36.0	-17 47 12	IRC	.9 .3				M7	1271	-20171		W PYX		1--	241.7	13.6
8 35 44.1	-10 16 32	LKV	1.2 .3	-1.4 .3	-1.7 .2	-2.2 .3	M7EP	1274					C2-	235.4	18.1
8 36 1.0	+11 11 36	AGL	1.4 .3					1275					1--	215.0	28.8
8 36 8.7	+ 3 31 5	SAO	1.2 .3				K2 III	1276	176	3418	SIG HYA		2--	222.7	25.3
8 36 23.0	- 3 59 12	AGL	1.3 .3					1278					1--	229.8	21.6
8 36 26.0	+46 9 42	AGL	1.4 .3					4087					1--	174.2	37.6
8 37 13.5	- 9 24 33	SAO	.2 .3	-1.0 W	-4.8 .2		M5 II	1280	-10199		RV HYA		C?-	234.8	18.9
8 37 35.7	-17 7 23	SAO	-.7 .3	-1.8 .3	-2.1 .2	-2.1 .3	M4 III	1281	-20173		AK HYA		C2-	241.5	14.6
8 38 25.0	- 0 30 36	IRC	1.5 .3				M7 III	1282	177		DO 2576		2--	226.9	23.8
8 39 10.1	+ 2 22 5	JCG	1.5 .4	-1.5 .3			M9 RED	1283					2--	224.2	25.4
8 41 42.9	-25 25 41	FIR			-.9 .2		C	5252	-30132				-2-	249.0	10.4
8 41 50.7	+18 20 22	SAO	1.3 .3	1.5 C			K0 III	1285	20205	3461	DEL CNC		3--	208.0	32.9
8 43 40.5	+28 56 39	SAO	1.7 .4				G8 III	1287	30201	3475	IOT CNC		3--	195.9	36.5
8 43 45.9	+ 1 48 57	SAO	-.3 .2	-2.0 .3	-1.3 C		M7	1288	179		EY HYA		2--	225.4	26.1
8 44 7.8	+ 6 36 12	SAO	1.2 .3	1.4 C			G8 G	1289	10193	3482	EPS HYA		1--	220.7	28.5
8 44 13.6	+78 21 4	SAO	.9 .3				M5 III	1291	80019		DO 32450		4--	135.1	32.5
8 45 53.0	+18 13 12	AGL			-3.0 .4			1292			ABELL 30	PLAN. NEB	1--	208.6	33.7
8 45 54.7	+12 43 57	SAO	1.3 .3	1.4 C			M3.5 G	1293	10194		DO 2615		1--	214.6	31.6
8 46 36.5	+70 29 12	SAO	1.7 .4	2.2 C			M5	4088	70086		DO 32508		3--	143.9	35.4
8 47 40.0	+40 14 0	AGL	1.6 .3					1295					2--	181.9	39.3
8 49 28.4	+28 26 54	SAO	1.1 .3				M3 G	1296	30202	3521	BO CNC		3--	196.9	37.7
8 50 3.9	-32 55 21	FIR			-1.4 .2	-2.2 .3		5253					-*-	256.0	7.2
8 52 34.0	+17 25 22	SAO	-.5 .2	-.7 .3			C5,4	1298	20206	3541	X CNC		2--	210.2	34.9
8 52 45.1	+ 6 8 13	SAO	.6 .3				G9 II	1299	10196	3547	ZET HYA		2--	222.3	30.2
8 53 25.0	-19 1 42	IRC	1.0 .3				M6	1300	-20176				1--	245.4	16.5
8 53 48.9	+20 2 30	SAO	0.0 .2	-1.3 .3			C5,5	1301	20207		T CNC		2--	207.3	36.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
8 55 8.0	+55 36 12	AGL	1.8 .3					4090					1--	161.9	39.9
8 55 33.1	+11 2 23	SAO	-.3 .2	-1.0 .3	-3.0 .4		M4 III	1302	10199		kT CNC		2--	217.6	33.0
8 58 3.9	+67 49 35	SAO	.1 .3	-.6 .2	-2.2 C		M3 IIIB	1304	70087	3576	RHO UMA		C--	146.6	37.2
9 0 35.8	+38 56 28	SAO	.1 .3	-.6 .4			M5 III	1307	40201		UX LYN		3--	183.9	41.6
9 1 18.8	+60 29 12	SAO	1.4 .3				M6 III	1308	60190		TT UMA		3--	155.5	39.7
9 1 22.0	+ 9 4 12	AGL	1.4 .3					1309					1--	220.4	33.5
9 1 55.0	+64 58 30	IRC	1.4 .3				M6	1310	60191		SVS 6677		3--	149.9	38.5
9 3 21.3	+38 39 12	SAO	1.6 .3				G7 IB	1314	40202	3612	GC 12565		2--	184.3	42.1
9 3 39.0	- 9 43 36	AGL	1.3 .3					1315					1--	239.1	24.0
9 4 1.8	+67 4 33	SAO	1.0 .3				K5 III	1316	70088	3609	SIG1 UMA		3--	147.3	38.0
9 4 25.0	+ 1 39 52	SAO	1.2 .3				M4	1317	183	3618	DO 2701		2--	228.5	30.5
9 4 30.0	+69 24 48	SAO	1.2 .3		-1.6 .2		M6	1320	70089		DO 32697		4--	144.5	37.2
9 4 49.0	-15 30 48	AGL	1.5 .3					1319					1--	244.3	20.8
9 5 42.1	+13 25 26	SAO	-.3 .3	-1.5 .3			M6	1321	10203		CW CNC		2--	216.2	36.3
9 6 55.9	+25 26 59	CIO	.3 .3	-1.1 .3	-2.9 .5		M7E III	1323	30208		W CNC		2--	201.9	40.7
9 7 37.7	+31 10 5	SAO	-2.0 .3	-2.7 .3	-3.5 .4		M6 IIIAS	1326	30209	3639	RS CNC		3--	194.5	42.1
9 7 44.0	- 6 5 0	AGL	1.7 .3					1327					1--	236.4	27.0
9 11 3.0	+51 17 36	AGL	1.3 .3					4091					1--	167.1	43.0
9 11 40.5	-24 39 6	FIR			-3.8 .2	-4.3 .3		5254					-2-	252.8	16.2
9 12 8.5	+56 57 0	SAO	1.3 .3				K5 IIIA	1332	60192	3660	17 UMA		3--	159.5	42.0
9 12 34.0	- 1 40 30	AGL	1.1 .3					1334					1--	233.1	30.5
9 12 40.5	- 3 45 34	SAO	1.3 .3				M5	1335	185		DO 2727		2--	235.1	29.3
9 16 7.9	-32 50 48	FIR			-.9 .2		M6	5255	-30149				-2-	259.7	11.4
9 16 27.0	+49 58 12	AGL	1.6 .3					4092					1--	168.7	44.0
9 18 .9	+34 36 19	SAO	-.9 .3	-1.1 .3	-2.4 .5		K7 IIIAB	1341	30210	3705	ALF LYN		3--	190.2	44.7
9 18 2.7	+ 0 23 40	SAO	1.1 .3				M4 G	1342	186		IN HYA		2--	231.9	32.7
9 18 3.9	+56 54 45	SAO	.3 .2	-.5 .5			M4 IIIA	1344	60193	3698	CG UMA		2--	159.3	42.8
9 18 54.0	-26 55 52	FIR			-3.5 .2	-3.3 .3		5256					-F-	255.6	15.9
9 20 50.0	+ 7 55 46	SAO	1.1 .3				M4 III	1348	10205		DF LEO		2--	224.4	37.2
9 21 44.0	+64 9 27	SAO	1.6 .4				K3	1350	60194	3722	GC 12970		2--	149.9	40.8
9 21 44.8	+26 23 55	SAO	1.2 .3				K2 III	1351	30211	3731	KAP LEO		2--	201.6	44.1
9 22 46.0	-57 26 30	AGL		-2.4 .4				4093					1--	278.0	-5.2
9 23 34.0	-23 47 56	CIO	1.2 C	-1.3 C	-2.7 .2	-2.2 .3	M9	5257	-20188				-2-	254.0	18.6
9 25 7.8	- 8 26 28	SAO	-1.5 .2	-1.2 .4	-1.5 .2		K3 II	1353	-10217	3748	ALF HYA		C2-	241.5	29.0
9 25 29.8	+36 22 45	SAO	.9 .3	.3 W			M7	1354	40205		RS LMI		2--	187.9	46.4
9 27 42.3	+44 54 15	SAO	1.6 .3	.4 W	-1.0 W		M6	1355	40206		DO 32882		2--	175.5	46.6
9 28 30.2	+35 19 31	SAO	1.0 .3				M1 IIIAB	1357	40207	3769	8 LMI		2--	189.5	46.9
9 28 52.2	+23 11 22	SAO	.2 .3	-.5 .4			K5 III	1358	20211	3773	LAM LEO		2--	206.7	44.9
9 30 5.8	+70 3 6	SAO	1.7 .3				G4 III	1360	70090	3771	24 UMA		3--	142.5	38.9
9 30 7.4	+81 33 0	SAO	.7 .3				K2	1363		3751	DO 32868		5--	130.7	32.7
9 30 59.2	-62 54 1	SAO		-2.5 .4	-3.7 .5		M5E	4095		3816	R CAR		2--	282.3	-8.2
9 33 6.9	-14 28 4	SAO	1.4 .4		-1.8 .2		M7.5E III	4748S	-10222		X HYA		12-	248.1	26.7
9 33 45.1	+31 23 13	SAO	1.2 .3	-.6 .4			M2 IIIA	1366	30213	3820	GC 13265		2--	195.4	47.6
9 35 21.0	+67 29 56	SAO	2.3 .4				K6	4096	70091	3824	DO 32923		2--	145.1	40.6
9 36 50.0	+78 4 41	UCG	1.5 .3				M5E	1368			Y DRA		---	133.8	35.0
9 36 56.3	-38 44 52	FIR			-.8 .2	-3.2 .3		5258					-F-	261.4	16.0
9 37 18.2	- 9 54 54	SAO	.7 .3	.9 W			K3 III	1369	190	3845	IOT HYA		2--	236.5	36.0
9 38 38.0	+31 30 22	SAO	1.3 .4				K6 G	1371	30214	3850	GC 13369		2--	195.4	48.7
9 41 .6	+14 15 5	SAO	1.0 .3	1.0 C			M2 IIIAB	1372	10211	3866	PSI LEO		2--	219.9	44.4
9 42 34.7	+34 44 34	SAO	-1.3 .3	-2.8 .3	-3.3 .4		M7E	1376	30215		R LMI	EO	2--	190.6	49.8

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
9 42 56.0	-21 48 6	IRC	1.0 C	-1.9 C	-3.7 .2	-4.0 .3	M9	5259	-20197		IW HYA		-2-	255.8	23.3
9 43 .1	+57 21 32	SAO	.1 .2	-.6 .4			M3 IIIAB	1378	60197	3870	CS UMA		2--	157.2	45.8
9 43 31.8	+ 6 56 25	SAO	.7 .3	1.4 C			M2 IIIAB	1379	10213	3876	DO 2819		1--	229.1	41.6
9 44 52.2	+11 39 42	SAO	-3.1 .3	-4.2 .3	-5.1 .3		M7E	1380	10215	3882	R LEO		2--	223.7	44.2
9 45 18.0	+13 30 36	IRC	-3.5 .3	-7.7 C	-8.7 C	-8.9 C	C6	1381	10216		CW LEO	EO	2--	221.5	45.1
9 48 41.9	-22 44 26	FIR			-.9 .2		C5,4	5260	-20199		Y HYA		-2-	257.6	23.6
9 49 55.4	+26 14 36	SAO	.9 .3	-.8 .3			K2 IIIBP	1386	30218	3905	MUU LEO		2--	204.0	50.2
9 51 5.4	+ 6 11 41	SAO	1.0 .3				M2.5 G	1387	10218	3915	DO 2848		2--	231.3	42.8
9 51 43.9	+69 55 1	CIO		-.8 .2	-3.2 .2	-4.2 .3		1388			M 82	NGC 3034	C--	141.4	40.6
9 51 58.0	-67 20 0	AGL				-7.1 .7		4097					2--	287.1	-10.3
9 52 14.0	-75 7 36	AGL		-2.2 .4	-3.0 .5			4098					1--	292.3	-16.3
9 52 30.6	-18 46 18	SAO	.7 .3			-2.1 .3	M1 G	1389	-20201	3923	GC 13644		1--	255.2	27.1
9 56 27.0	-58 37 18	VS		-1.8 .4	-3.2 .4		M5-M6E	4099			RR CAR		1--	282.1	-3.2
9 57 34.3	+ 8 17 6	SAO	.5 .3	.2 C			M2 IIIAB	4100	10224	3950	PI LEO	EO	1--	230.1	45.3
10 2 13.0	+ 4 50 0	AGL	1.9 .5	-.7 .4				4096				EO	1--	255.6	44.4
10 2 49.8	-58 25 16	CIO		-1.0 .5	-3.7 .4			47675			HD 93843		1--	282.1	-2.5
10 4 55.9	-56 57 49	CIO		-2.2 .4	-5.8 .4	-7.0 .6		4101			G282.0-1.2		1--	282.3	-1.2
10 5 15.1	+10 14 36	SAO	.6 .3	0.0 .4			K4 III	1394	10225	3980	41 LEO		2--	226.4	47.9
10 5 41.4	-53 0 55	CIO		-2.4 .4	-3.3 .4		M2	4102			CM VEL		1--	279.6	2.1
10 5 42.7	+12 12 44	SAO	1.6 .4	1.6 C	1.8 C		B7 V	47[illegible]5	10226	3982	ALF LEO		1--	226.4	48.9
10 13 12.0	+30 49 24	IRC	.3 .3	-5.1 .3	-5.4 .4		CE	1403	30[illegible]		RW VI	EO	1--	[illegible]	56.3
10 13 54.7	+23 40 2	SAO	1.9 .3				F0 III	1404	20218	4031	ZET LEO		1--	[illegible]	55
10 13 59.8	+13 58 42	SAO	.9 .3				M1 III	1405	10228	4035	57 [illegible]		1--	[illegible]	[illegible]
10 14 34.0	-14 24 30	IRC	-1.0 .3	-3.0 .3	-3.4 .2	-2.9 .3	C	1406	-10236		IY HYA		C--	[illegible]	[illegible]
10 17 13.1	+20 5 43	SAO	-.9 .3	-.9 .3	-1.2 C		K0 III	1410	20219	4057	GAM [illegible]		2--	[illegible]	[illegible]
10 17 54.0	-57 41 54	AGL		-1.4 .4	-3.0 .5			4103				EO	1	[illegible]	[illegible]
10 18 37.4	-60 12 2	CIO	.5 C	-2.0 .4	-3.6 .5		M4	4105			[illegible] AR		1--	[illegible]	[illegible]
10 19 21.5	+41 45 6	SAO	-.6 .3	-1.6 .4	-1.2 C		M0 III	1411	40218	4069	M[illegible] MA		1--	[illegible]	[illegible]
10 19 36.4	+25 45 9	SAO	1.2 .4	-.2 C			M6	47795	30220		DO 41[illegible]		1--	[illegible]	5.7
10 19 44.4	-57 50 40	CIO		-1.7 C	-4.1 .4	-6.5 .6		4104			OH284.[illegible]-0.[illegible]		1--	[illegible]	[illegible]
10 21 32.0	-59 17 48	AGL			-5.8 .4	-6.8 .6		4106					1	[illegible]	
10 22 10.0	-57 30 30	CIO		-4.8 .4	<-8.0 .4	-9.0 .6		4107			NG[illegible]	EO	1	[illegible]	[illegible]
10 23 40.2	-16 34 50	SAO	.1 .3	-.3 .4			K5 III	1416	-20210	4094	M[illegible] HYA		1--	[illegible]	33.7
10 24 57.9	-25 17 48	CIO	1.0 .3		-.5 .2		CE	47815	-30165		C[illegible] HYA		1--	[illegible]	26.9
10 27 30.3	+75 8 14	AGL	1.2 .4	-1.6 .4	-3.4 .2			1418					C-C	[illegible]	36.1
10 29 5.0	-57 36 48	AGL		-1.8 .4	-3.0 .5			4108					[illegible]	[illegible]	[illegible]
10 29 31.7	+14 23 40	SAO	.6 .3				M2 IIIA	1419	10231	4127	46 [illegible]		1	[illegible]	65.1
10 29 35.7	-57 45 37	CIO		-2.5 .4	-5.4 .4	-7.0 .6		4109			OH285.[illegible]-0.[illegible]		1	[illegible]	[illegible]
10 30 35.0	+70 1 30	IRC	.9 .3	-.3 .2	-.4 W		M6	1423	70095		CT UMA		1--	[illegible]	
10 35 5.0	-13 7 26	SAO	-1.4 .3	-1.9 .3	-2.6 .2	-2.1 .3	C6.4	1427	-10242	4163	U HYA		1--	[illegible]	
10 35 22.0	-11 45 36	IRC	0.0 .3	-1.0 .4	-1.1 .2	-2.0 .3	M6	1428	-10243		FF HYA		[illegible]	[illegible]	
10 35 22.0	-58 20 30	AGL			-4.5 .4	-6.5 .6		4110			DT CAR	EO	1--	[illegible]	
10 35 55.0	-58 30 18	AGL		-2.1 .4	-3.9 .4			4111					1--	[illegible]	
10 38 31.0	-59 9 42	AGL		-1.6 .4	-2.7 .5		C	4112			FU CAR	EO	1--	[illegible]	[illegible]
10 39 31.0	+69 20 18	SAO	1.3 .3	1.3 W	1.2 W		K3 III	1431	70098	4181	GC 14713		1--	[illegible]	[illegible]
10 41 7.9	+69 2 19	SAO	.7 .3	-1.1 .2	-1.8 C		M5E	1432	70099		R UMA		C2-	[illegible]	[illegible]
10 41 37.1	+67 40 27	SAO	.1 .3	-.8 .2			C6,3	1433	70100	4195	VY UMA		C--	[illegible]	[illegible]
10 42 29.0	-59 50 12	AGL			-4.8 .4			4113			SVS 1643	EO	1--	[illegible]	
10 42 32.4	- 6 33 42	EIC	1.1 .3	-.5 .5			M7	1434	-10245				1--	[illegible]	
10 43 6.8	-59 25 15	CIO	-3.0 C	-8.4 C	-9.6 C	-10.6 .6	PEC	4114		4210	ETA CAR	EO	1--	[illegible]	[illegible]

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
10 43 15.3	+57 37 48	SAO	1.5 .4				M2 IIIAB	4115	60204	4202	41 UMA		2--	150.4	52.6
10 45 14.0	-59 45 42	AGL		-1.6 .4	-4.0 .4			4116				EO	1--	288.0	-.8
10 46 9.5	+ 8 55 48	EIC	1.3 .3	.1 C			M7	1437	10233		VV LEO		1--	239.6	55.6
10 47 9.3	-15 55 54	SAO	0.0 .3	.1 C	-.2 .2		K3 III	1438	-20217	4232	NUU HYA		1*-	265.1	37.6
10 48 16.1	+59 35 10	SAO	1.5 .4				K2 G	4117	60205	4236	42 UMA		2--	147.3	51.8
10 49 11.3	-20 59 5	SAO	.5 .3	-3.6 .3	-4.1 .2	-4.2 .3	C6,5	1439	-20218		V HYA		C2-	269.0	33.6
10 50 31.2	+34 29 6	SAO	.9 .3				K0 III	1440	30226	4247	46 LMI		1--	190.0	63.7
10 51 2.8	+13 59 6	CIO	1.0 .3	-.9 .4			M7E III	1441	10234		W LEO		1--	233.0	59.4
10 51 15.4	+77 21 14	SAO	1.7 .3		-.4 .2		M3 III	1442	80021		DO 33481		3?*	130.9	38.2
10 52 6.0	+72 8 30	IRC	1.3 .3	-.4 .2	-1.3 .2		M8E III	1443	70102		VX UMA		C--	134.7	42.5
10 53 25.7	+ 6 27 9	SAO	-1.1 .3	-1.4 .4	-1.5 C		M5.5 III	1446	10235	4267	56 LEO	VY LEO	1--	245.1	55.5
10 53 47.1	+74 36 14	SAO	.5 .3	-.2 .2			M6	1448	70103		DO 33498		3--	132.7	40.6
10 53 50.0	-60 9 36	AGL	.8 C	-1.7 .4	-3.7 .5		A2E-B5E	4118			AG CAR	PLAN. NEB	1--	289.1	-.7
10 54 14.0	-59 50 18	AGL		-1.0 .5	-4.1 .4			4119					1--	289.0	-.4
10 55 38.0	+70 15 25	SAO	1.2 .3	.3 .2			M5	1449	70104		VW UMA		2--	135.9	44.2
10 56 46.0	-60 55 30	AGL			-3.8 .4	-6.5 .6		4120				EO	1--	289.8	-1.2
10 58 6.0	-18 3 22	SAO	-1.7 .3	-2.9 .3	-3.9 .2	-3.8 .3	M7	1450	-20222		R CRT		C2-	269.3	37.2
10 58 39.0	-59 33 30	AGL		-1.9 .4				4121					1--	289.4	.1
10 58 50.0	-60 33 36	AGL		-2.2 .4	-3.6 .5			4122					1--	289.9	-.8
10 59 16.6	- 2 12 54	SAO	.6 .3				M1 IIIB	1452	200	4299	61 LEO		1--	256.9	50.3
11 0 39.5	+62 1 17	SAO	-1.0 .3	-1.0 .3	-.8 C		K0 IIIA	1454	60208	4301	ALF UMA		1--	142.8	51.0
11 1 5.3	- 2 56 5	SAO	.7 .3		-.6 .2		M6	1455	201		SX LEO		1?-	258.1	50.1
11 3 59.0	-41 53 0	AGL		-2.6 .4				4123					1--	282.9	16.6
11 4 44.2	+49 26 51	SAO	1.1 .3	1.3 C			M7	1457	50208		CV UMA		1--	158.1	60.2
11 4 53.0	-11 11 42	AGL		-.8 .4				1458					1--	266.3	43.9
11 6 34.4	+36 34 51	SAO	.3 .3	-.4 .4			M5 IIIAB	1462	40222	4333	CO UMA		1--	183.6	66.5
11 6 51.0	+43 28 44	SAO	1.1 .3				M3 IIIAB	1463	40223	4336	DO 33591		1--	168.3	63.9
11 6 51.6	+44 46 13	SAO	.1 .3				K1 III	1460	40224	4335	PSI UMA		1--	165.8	63.2
11 8 .1	+11 34 24	SAO	1.7 .4	-.3 C			M4 G	4802S	10236		DO 3057		1--	241.8	61.5
11 9 46.3	-61 2 9	CIO		-3.7 .5	-7.5 .4	-8.8 .6		4124			NGC 3581		2--	291.3	-.7
11 10 32.0	-60 34 54	AGL			-4.2 .4			4125					1--	291.2	-.3
11 12 32.8	+23 22 6	SAO	-.2 .3	-.4 C			M3 IIIA	1473	20227	4362	72 LEO		1--	218.1	67.9
11 12 38.0	+75 24 42	IRC	.3 .3	-1.3 .2	-1.5 .2		M5	1474	80023		CS DRA		C22	130.8	40.5
11 12 51.1	-60 58 38	CIO		-4.6 .6	<-8.2 .4	-9.6 .6		4126			NGC 3603		2--	291.6	-.5
11 14 27.0	-61 12 36	AGL		-1.1 .4	-3.5 .4			4127					1--	291.9	-.7
11 15 16.0	-65 34 42	AGL		-2.1 .4	-2.7 .5			4128					1--	293.5	-4.7
11 15 18.5	-21 52 19	SAO	.2 .3				M3	4129	-20225		RX CRT	EO	1--	276.0	35.8
11 15 46.9	+33 22 3	SAO	.2 .3				K3 III	1475	30230	4377	NUU UMA		1--	190.7	69.1
11 16 23.8	-30 11 58	SAO	1.1 .3				M8	1476	-30174				1--	280.3	28.3
11 16 50.3	-14 30 28	SAO	.6 .3				G8 III	1477	-10253	4382	DEL CRT		1--	272.1	42.5
11 19 4.0	-55 30 30	AGL		-1.9 .4	-2.7 .5			4130			SVS 1731		1--	290.4	4.9
11 20 5.3	+43 45 26	SAO	1.6 .3				G8 IIB	1479	40225	4392	56 UMA		1--	164.7	65.8
11 21 3.0	+17 7 12	IRC	1.6 .4				M6	4811S	20228		TZ LEO		1--	235.3	67.3
11 21 23.2	-19 38 0	SAO	.6 .3				M4	1482	-20227		T CRT		1--	276.4	38.4
11 21 48.5	+48 52 50	SAO	1.5 .4				M2	4131	50210		DO 33683		2--	155.2	62.7
11 22 4.9	-10 35 5	SAO	.6 .3		-.9 .2		K5 III	1483	-10254	4402	EPS CRT		1*-	271.0	46.6
11 22 27.0	+16 29 46	AGL	1.4 .3					1484					1--	237.1	67.2
11 25 6.9	+45 27 38	SAO	.1 .3	-.4 C	-1.0 W		M4 III	1489	50211		ST UMA		2--	160.1	65.4
11 25 16.0	+15 24 42	IRC	.9 .3	-.5 .5	-.9 C		M5	1488	20229		AF LEO		1--	240.4	67.2
11 26 7.0	-62 41 48	AGL		-1.9 .5	-3.3 .4			4132			IC 2872		2--	293.7	-1.6

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
11 27 45.5	- 2 43 39	SAO	1.0 .3				K4 III	1492	206	4432	87 LEO		1--	266.8	54.1
11 27 57.0	-22 21 6	AGL		-2.8 .4				1493					1--	279.5	36.5
11 28 27.5	+69 36 26	SAO	-.2 .2	-.5 .2	-1.3 .2		M0 III	1494	70107	4434	LAM DRA		223	133.0	46.2
11 29 9.4	-12 6 20	SAO	.9 .3	-.9 .4			M5	1495	-10256		RR CRT		1--	274.3	46.0
11 30 25.4	-30 48 40	SAO	.9 .3				M2 IIIB	1497	-30177	4449	GC 15844		1--	283.8	28.8
11 32 26.0	-72 57 24	AGL		-3.0 .4	-3.4 .5			4133					1--	297.4	-11.2
11 32 28.0	+19 27 12	AGL	1.7 .3					1498					1--	233.3	70.8
11 32 51.0	+35 8 24	IRC	-.5 .3	-1.6 .3			M7	1499	40226		DO 14449		1--	182.8	72.0
11 34 36.6	+77 52 21	SAO	1.7 .3				M2	1500	80024		DO 33752		2--	127.9	38.8
11 34 56.6	+ 4 12 8	FIR			-1.8 .2	-2.6 .3		5261					-2-	262.5	60.8
11 35 52.9	+ 8 24 40	SAO	-.2 .3	-.6 C			M4 III	1502	10243	4483	OME VIR		1--	257.3	64.3
11 36 20.0	-63 10 0	AGL		-1.4 .4	-3.4 .5	-6.1 .6		4134			IC 2948	EO	2--	294.9	-1.7
11 37 18.5	-16 20 35	SAO	1.0 .3				M2.5 G	1503	-20230	4491	GC 16008		1--	279.2	42.9
11 38 32.3	+ 2 43 43	FIR			-2.7 .2	-3.2 .3		5262				EO	-*-	265.6	60.1
11 38 40.6	+ 2 57 17	FIR			-4.5 .2	-4.8 .3		5263				EO	-F-	265.4	60.3
11 41 0.0	-62 11 0	AGL		-1.5 .4	-4.2 .5			4135					2--	295.2	-.6
11 42 58.1	+36 10 18	SAO	.5 .3				M4 III	1508	40227		TV UMA		1--	176.8	73.5
11 43 17.3	+ 6 48 35	SAO	-.1 .3	-.6 C			M1 IIIAB	1509	10245	4517	NUU VIR		1--	262.9	64.2
11 43 25.0	+48 3 24	SAO	.9 .3				K0 III	1510	50213	4518	CHI UMA		1--	150.3	65.7
11 44 36.1	+43 44 57	SAO	.4 .3	-1.3 .4	-2.8 .4		M6 III	1511	40228		AZ UMA		1--	157.2	69.1
11 46 8.1	-35 42 31	SAO		-2.1 .4	-3.1 .5		M8	4136	-30163E				1--	288.9	25.2
11 46 13.3	-26 28 18	SAO	-.6 .3	-.5 C			M4 G	1512	-30182	4532	II HYA		1--	286.0	34.1
11 46 41.6	-41 28 39	CIO		-1.8 .4	-1.6 C		M5-M6E	4137	-40081E		X CEN		1--	290.7	19.6
11 47 19.2	-27 18 16	SAO	.9 .3		-1.6 .2		M5	1515	-30183				1*-	286.6	33.3
11 48 33.3	-10 55 47	SAO	-.4 .3	-.8 .4	-.9 .2		M3	1516	-10258		RU CRT		12-	280.1	49.0
11 50 11.7	- 7 19 6	SAO	1.1 .3	-.7 .4	-1.7 .2		M6-7E	4830S	-10259		S CRT		1*-	278.6	52.5
11 51 45.0	+86 30 6	AGL		-.7 .4				1517			SVS 101227		3--	124.0	30.8
11 52 3.0	+37 25 12	IRC	2.0 .4	1.2 C			M7	4138	40229		DO 14499		2--	169.5	74.4
11 52 39.3	+37 2 7	SAO	1.5 C	1.9 C			M3 IIIB	4139	40230	4562	DO 14500		2--	170.4	74.7
11 53 52.0	-39 8 12	AGL			-4.4 .4			4140					1--	291.5	22.2
11 53 54.2	+58 8 59	SAO	1.2 .3	-.9 .3			M6E	1519	60213		Z UMA		2--	136.6	57.8
11 54 17.0	+64 5 36	AGL	1.5 .3					1521					1--	132.7	52.3
11 56 20.0	+53 0 36	AGL		-1.2 .4				1523					2--	140.3	62.6
11 56 47.0	+33 28 18	AGL	1.5 .3					4141			LKHA 316		2--	181.4	77.2
11 57 31.1	+19 41 53	SAO	1.0 .3				M4 G	1527	20236		GK COM		1--	243.4	75.9
11 57 44.4	+81 7 56	SAO	1.3 .3				M2 III	1526		4586	DO 33898		3--	125.4	36.0
12 1 5.0	-34 11 24	AGL		-1.9 .4				4142					1--	291.9	27.4
12 2 50.6	-21 45 4	FIR			-6.3 .2	-6.8 .3		5264				EO	-F-	289.0	39.6
12 2 56.7	+ 8 56 47	FIR			-2.6 .2	-2.5 .3	G8 IIIAP	5265	10250	4608	OMI VIR		-*-	270.3	68.6
12 3 7.2	+ 9 11 7	FIR			-2.9 .2	-2.8 .3		5266				EO	-F-	270.1	68.8
12 3 18.0	-51 41 0	AGL		-2.1 .4				4143					1--	295.8	10.3
12 4 41.1	- 6 29 15	SAO	.1 .3	-1.3 .3	-1.3 .2		M5 III	1535	-10263		RW VIR		22-	283.8	54.5
12 6 22.0	-63 0 30	AGL		-.9 .5	-3.8 .4			4144			HE2-77	PLAN. NEB	2--	298.2	-.8
12 6 32.0	+29 26 48	AGL	2.0 .4					4145			NGC 4134		2--	198.1	80.4
12 7 22.5	-62 3 20	CIO		-3.0 .4	-6.5 .4	-7.8 .6		4146			G298.2-0.3		2--	298.1	.2
12 7 32.9	-22 20 30	SAO	-.2 .3		-.4 .2		K2 III	1536	-20233	4630	EPS CRV		C?-	290.6	39.3
12 9 19.0	+26 8 56	SAO	1.6 .4				K4 III	4147	30235	4640	4 COM		2--	218.8	81.1
12 10 26.1	-22 40 38	FIR			-2.3 .2			5267					-2-	291.5	39.1
12 12 4.4	- 5 45 56	FIR			-.6 .2		M6E	5268	-10264		T VIR		-2-	286.6	55.7
12 12 30.0	+19 18 54	AGL	1.4 .3					1542					1--	255.1	78.4

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
12 12 40.0	-62 43 42	AGL		-3.1 .4	-6.0 .4	-7.3 .6		4148				EO	2--	298.9	-.4
12 12 58.0	-12 31 55	FIR			-2.2 .2	-2.5 .3		5269					-*-	289.5	49.1
12 13 37.5	+40 56 18	SAO	.9 .3	0.0 .4			M1 IIIAB	1543	40232	4666	2 CVN		1--	149.0	74.6
12 14 51.0	-67 40 57	SAO	-1.5 C	-2.2 .4	-1.9 C		M6 G	4149		4671	EPS MUS		1--	299.8	-5.3
12 16 19.7	-11 45 14	FIR			-2.7 .2	-3.3 .3		5270				E?	-*-	290.5	50.1
12 17 21.3	+49 15 41	SAO	.9 .3	-.8 .4			M1 IIIAB	1545	50217	4690	3 CVN		2--	136.5	67.3
12 19 31.8	-12 14 15	FIR			-1.0 .2	-3.7 .3		5271					-2-	291.8	49.7
12 20 43.9	-11 32 6	SAO	1.2 .3				M3 G	1547	-10268		GC 16886		2--	292.1	50.5
12 22 40.2	+57 3 17	SAO	1.1 .3				M3 IIIB	1550	60217	4726	71 UMA		2--	130.2	60.0
12 22 40.5	+ 1 2 48	EIC	-.1 .3	-.9 .3	-1.1 .2	-2.6 .3	C5,3E	1549	217		SS VIR		C2-	288.4	62.9
12 24 26.9	+28 32 46	SAO	1.3 .3				K1 III	1551	30238	4737	GAM COM		1--	199.6	84.5
12 25 12.8	+55 59 22	SAO	1.3 .3				M2 IIIB	1552	60218	4745	73 UMA		2--	129.9	61.1
12 27 48.1	+ 4 41 34	SAO	-1.4 .3	-2.2 .3	-3.0 .2	-2.4 .3	M7 III	1554	220		BK VIR		C--	289.5	66.7
12 27 55.8	+69 28 41	SAO	.1 .3	-.4 .2			M3 IIIA	1555	70113	4765	4 DRA	CQ DRA	2--	125.7	47.8
12 28 22.7	-56 50 0	SAO	-3.2 C	-3.4 .4	-3.5 .5		M3 III	4150		4763	GAM CRU		2--	300.2	5.7
12 29 .2	+ 6 30 52	FIR			-1.6 .2	-2.1 .3		5272					-2-	289.3	68.6
12 30 2.0	-57 55 6	AGL		-1.6 .4	-2.8 .5			4151					1--	300.5	4.6
12 30 45.9	+75 14 33	SPC		-1.5 .2	-3.4 .2	-3.6 .3		5273				E?	--3	124.6	42.1
12 31 33.0	-61 21 0	AGL		-2.3 .5	-4.5 .4	-6.5 .6		4152			RCW 65		2--	300.9	1.2
12 31 45.3	-23 7 14	SAO	.5 .3				G5 III	1558	-20240	4786	BET CRV		1--	297.9	39.3
12 32 3.0	+ 8 27 36	AGL			-2.6 .5			4153			NGC 4535		2--	290.3	70.6
12 32 42.0	-61 34 12	AGL		-1.6 .4	-3.4 .5			4154			RCW 66		2--	301.1	1.0
12 32 48.3	+ 8 23 20	AGL			-.8 .2			4155					C?-	290.9	70.6
12 32 51.0	+ 6 18 36	AGL		-.5 .4				4156			NGC 4543		2--	292.0	68.6
12 33 18.0	+10 17 12	FIR			-.9 .2			5274			IC 3562		-2-	290.1	72.5
12 34 26.0	+27 19 54	IRC	.5 .3	-1.0 .4	-2.1 .2		M5	1564	30241		DO 14615		1--	213.4	86.8
12 34 29.0	-17 15 24	IRC	1.2 .3	-.8 .3	-1.2 .2		M6	1565	-20242		T CRV		2--	298.1	45.2
12 35 49.3	+ 2 7 46	SAO	.6 .3	-1.2 .4			M3 IIIAB	1566	221	4807	FW VIR		3--	295.3	64.5
12 35 57.7	+ 7 15 47	SAO	1.2 .3	.6 C	.4 W		M4.5E	4157	10256	4808	R VIR		2--	293.7	69.6
12 38 4.4	+56 7 15	SAO	-1.2 .3	-1.9 .2	-3.5 .2		M7 II	1570	60220		Y UMA		C--	126.2	61.2
12 38 57.3	- 5 2 45	FIR			-2.5 .2	-2.6 .3		5275					-*-	298.3	57.5
12 39 7.5	- 1 10 32	SAO	1.6 .4				F0 V	1571	223	4825	GAM VIR		3--	297.9	61.3
12 42 47.1	+45 42 48	SAO	-1.4 .2	-2.1 .3	-2.3 C		C5,5	1576	50219	4846	Y CVN		2--	126.4	71.6
12 44 45.4	+ 4 25 2	EIC	.2 .3	-1.7 .3	-2.1 .2		C8,1E	1579	224		RU VIR		12-	300.3	67.0
12 47 9.6	-14 48 23	SAO	.5 .3				M5 G	1581	-10272		SV CRV		2--	302.3	47.8
12 51 32.5	+66 58 26	SPC		-.9 .2	-1.2 .2			5276					-S?	122.6	50.4
12 51 45.0	- 9 16 4	SAO	0.0 .2	-1.1 .3	-2.1 .2		M3 III	1583	-10274	4902	PSI VIR		2--	304.1	53.3
12 51 50.1	+56 13 51	SAO	1.0 .3	1.5 C			A0PV	1584	60222	4905	EPS UMA		2--	122.2	61.2
12 52 39.7	+47 28 3	SAO	-.3 .2	-.7 C	-.7 .2		M5 III	1585	50222	4909	TU CVN		2?-	121.2	69.9
12 52 51.0	-52 43 18	AGL		-1.8 .4				4158					1--	303.6	9.9
12 53 5.0	+ 3 40 8	SAO	-1.5 .3	-1.5 .3	-1.7 .2		M3 III	1586	226	4910	DEL VIR		C2-	305.5	66.2
12 53 15.0	-68 46 36	AGL		-1.9 .4	-2.7 .5			4159					1--	303.4	-6.2
12 54 28.1	+66 15 52	SAO	-.6 .3	-1.1 .2	-1.7 .2		C4,5	1588	70116		RY DRA		C-2	122.1	51.1
12 56 2.4	- 2 52 52	FIR			-1.8 .2			5277					-2-	306.5	59.7
12 56 23.9	+23 23 27	FIR			-1.3 .2		M2	5278			T COM	IC 3953	-2-	326.0	85.7
12 56 27.1	+17 40 42	SAO	.7 .3				M1 IIINB	1589	20251	4920	36 COM		1--	313.4	80.1
12 57 10.5	- 3 41 31	FIR			-2.1 .2			5279				EO	-F-	306.9	58.8
12 58 49.7	+78 25 32	SPC			-1.6 .2			5280					--3	122.4	39.0
12 59 41.2	+11 13 39	SAO	.8 .3				G8 III	1593	10261	4932	EPS VIR		1--	312.3	73.6
13 0 5.7	+ 5 27 15	SAO	-1.6 .3	-2.5 .3	-3.4 .2	-3.4 .3	M8 III	1594	10262		RT VIR		C2-	310.4	67.9

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
13 0 58.2	+56 14 51	SPC		-.4 .2	-3.2 .2	-3.2 .3		5281					E? --3	119.6	61.1
13 1 24.5	+ 7 20 9	SAO	.9 .3				M5	1597	10264		CO VIR		1--	311.9	69.7
13 1 29.6	+11 29 57	SAO	.9 .3				M4.5 G	4160	10265		DO 3313		EO 1--	314.1	73.8
13 3 56.6	+22 53 1	CIO	-0.3 C	-0.6 C	-.6 .2		M5 IIIA	5282	20254	4949	40 COM	FS COM	-2-	340.6	84.4
13 5 32.0	-61 58 54	AGL		-1.9 .4	-3.7 .5			4161					2--	304.9	.6
13 7 30.3	+57 26 6	SPC			-4.0 .2	-4.0 .3		5283					EO -2-	118.1	59.8
13 8 25.0	-48 31 24	AGL			-3.0 .4			4162					1--	306.3	14.0
13 8 31.0	-62 18 24	AGL		-3.1 .4	-6.3 .4	-7.6 .6		4163					EO 2--	305.3	.2
13 8 43.5	-10 14 55	SAO	1.2 .3				M3	1602	-10280				2--	310.9	52.0
13 8 58.8	+57 27 58	SPC		-1.3 .2	-3.0 .2	-3.2 .3		5284					EO -S-	117.7	59.7
13 10 1.3	- 4 7 26	FIR			-2.7 .2			5285			NGC 5015	GALAXY	EO -*-	312.9	58.1
13 10 11.5	- 1 29 36	SAO	.8 .3	-1.2 .3			M5	1604	229		DO 3322		1--	313.9	60.7
13 11 2.0	-60 51 36	AGL		-1.3 .5	-3.3 .5			4164					2--	305.7	1.6
13 11 6.0	-62 28 48	AGL		-2.1 .4	-5.2 .4	-6.5 .6		4165					EO 2--	305.5	.0
13 11 29.7	- 2 32 33	SAO	-2.4 .2	-3.3 .3	-4.2 .2	-3.6 .3	M7 III	1606	230		SW VIR		C2-	314.1	59.6
13 12 1.6	+11 35 48	SAO	1.4 .3				M1 IIIAB	1608	10267	4998	GC 17933		1--	323.0	73.3
13 13 52.8	+ 6 46 8	SAO	.7 .3				M6 III	1610	10268		FH VIR		1--	320.1	68.5
13 15 4.7	+ 5 43 58	SAO	.2 .3				M2 IIIA	1611	10270	5015	SIG VIR		1--	320.1	67.5
13 16 11.9	-22 54 30	SAO	.8 .3				G8 III	1614	-20249	5020	GAM HYA		2--	311.1	39.3
13 17 17.1	+45 47 22	SAO	.2 .3	-.9 .4	-2.1 .2		M6 IIIA	1615	50226		V CVN		C2-	107.9	70.8
13 17 58.2	+50 4 27	FIR			-4.4 .2	-4.3 .3		5286					-**	111.2	66.7
13 18 25.3	+77 33 29	SPC				-2.1 .3		5287					--2	120.9	39.7
13 19 53.0	- 3 30 24	IRC	1.4 .3	-.4 .4			M6	1617	233		DO 3350		2--	317.7	58.2
13 20 57.0	+47 15 44	SAO	.7 .3				M4 G	1618	50227		DO 34360		1--	107.6	69.2
13 21 38.0	+37 17 40	SAO	1.4 .3				M4 IIIAB	1620	40245	5052	DO 14749		1--	90.3	78.0
13 22 33.3	-10 54 3	SAO	1.3 .3	1.7 C			B1 IV	1622	-10286	5056	ALF VIR		2--	316.1	50.8
13 22 40.8	- 7 41 53	FIR			-2.1 .2			5288					EO -2-	317.3	54.0
13 23 20.0	-40 18 48	AGL			-3.2 .4			4167					1--	310.0	21.8
13 24 15.0	-37 14 42	AGL		-2.1 .4	-3.4 .4			4168					1--	310.7	24.8
13 25 15.0	-36 44 42	AGL		-2.1 .4				4169					1--	311.0	25.3
13 26 12.0	-36 15 48	AGL		-2.0 .4				4170					1--	311.3	25.7
13 26 58.5	-23 1 25	SAO	-3.2 .2	-4.2 .3	-4.8 .4		M6.5E	1627	-20254	5080	R HYA		3--	314.2	38.7
13 27 44.0	-38 0 0	AGL			-3.0 .4			4171					1--	311.3	24.0
13 29 18.0	-62 32 12	AGL		-2.6 .5	-4.4 .4	-6.3 .6		4172					2--	307.6	-.3
13 29 19.4	- 4 20 10	FIR			-1.3 .2			5289					-2-	321.6	56.8
13 29 21.7	- 5 59 54	SAO	-.1 .3				M2 III	1631	-10288	5095	74 VIR		1--	320.8	55.2
13 30 23.5	- 6 56 19	SAO	-.2 .2	-1.1 .3	-3.2 .5		M6.5E	1633	-10290	5101	S VIR		2--	320.8	54.2
13 30 47.0	-26 19 30	AGL		-1.5 .3				1634					2--	314.5	35.3
13 32 56.4	- 4 8 5	SAO	1.8 .4	-2.1 .4			M4	4173	235		DO 3372		1--	323.3	56.7
13 34 2.3	+76 48 6	SAO	1.3 .3				K6	1637	80025	5131	GC 18390		2--	119.6	40.3
13 36 31.0	-61 28 36	AGL		-1.8 .4	-5.2 .5	-6.9 .7		4174			RCW 79		EO 2--	308.6	.6
13 36 53.5	-49 41 50	SAO		-2.1 .5	-2.8 .5		M4 III	4175		5134	V744 CEN		2--	310.9	12.2
13 38 50.6	+54 56 3	SAO	.3 .3	.3 C	-.2 W		M2 IIIAB	1642	50231	5154	83 UMA		1--	108.2	61.0
13 38 59.0	- 8 27 5	SAO	.6 .3	.7 W	1.1 W		M2 IIIA	1643	-10293	5150	82 VIR		1--	323.4	52.2
13 39 41.0	-61 52 42	AGL		-1.7 .4	-4.3 .4			4176					2--	308.9	.1
13 43 40.2	-62 20 25	CIO	1.0 C	-3.1 .4	-4.7 .4	-6.8 .7	G8 IA	4177		5171	RCW 80		2--	309.3	-.4
13 44 8.0	-61 8 6	AGL		-2.3 .4	-3.8 .4			4178					2--	309.6	.8
13 44 41.9	-17 36 37	SAO	.6 .3				M2 IIIAB	1648	-20258	5181	87 VIR		2--	321.3	43.0
13 45 10.0	-31 15 18	AGL		-1.4 .3				4179					2--	316.8	29.8
13 45 49.0	-62 33 24	AGL		-.2 .7	-3.3 .4	-6.2 .6		4180					2--	309.5	-.7

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
13 46 12.2	-29 7 7	SAO	<-3.9 .2	-5.4 .3	-5.9 .4		M8E	1650	-30207		W HYA		3--	318.0	32.8
13 46 32.4	-34 12 7	SAO	-1.7 C	-2.0 .4	-2.1 C	-6.1 .6	M4.5	4181	-30192E	5192	2 CEN		1--	316.3	26.9
13 46 48.5	+39 47 27	SAO	-.1 .3	-1.3 C	-1.6 .2		M6.5E	1652	40248	5199	R CVN		C2-	82.7	72.8
13 47 3.0	-61 21 30	AGL		-2.0 .4	-4.1 .4	-6.4 .6		4182					2--	309.9	.5
13 47 3.9	+16 2 43	SAO	.3 .3				K5 III	1651	20263	5200	UPS BOO		1--	355.8	72.4
13 47 36.0	-65 31 48	AGL		-2.2 .4	-2.9 .4			4183					1--	309.0	-3.6
13 49 15.9	- 3 25 46	SAO	.4 .3	-.3 .4	-2.6 .5		M6	1653	237		AY VIR		2--	330.6	55.9
13 49 35.2	+34 41 28	SAO	-.1 .3		-.4 .2		M3 III	1654	30251	5219	AW CVN		1?-	66.1	75.1
13 49 58.2	+64 58 11	SAO	-.3 .2	-.6 .2	-1.6 .2	-2.8 .3	M3 IIIAS	1656	60226	5226	10 DRA		222	112.8	51.2
13 51 27.5	+52 34 6	SAO	1.0 .3	.2 .2			M4 G	1658	50234		DO 34497		12-	102.4	62.3
13 52 18.2	+18 38 51	SAO	1.2 .3	1.2 C			G0 IV	4923S	20267	5235	ETA BOO		1--	5.3	73.0
13 52 29.9	-26 11 13	SAO	.8 .3	.5 C			M4	1660	-30208				2--	320.3	34.3
13 54 17.2	+27 44 11	SAO	1.1 .3				K3 III	1661	30252	5247	9 BOO		1--	38.1	75.5
13 54 51.0	-30 49 30	IRC	.9 .3	-.9 .4			M4E	1663	-30210		TW CEN		2--	319.3	29.7
13 55 29.0	-61 7 30	AGL		-2.1 .5	-3.2 .4	-6.7 .7		4185			RCW 82		2--	310.9	.4
13 57 20.0	+ 4 20 52	FIR			-1.7 .2	-3.0 .3		5290					-?-	341.3	61.8
13 57 24.8	+37 26 22	SAO	1.3 .3	.3 C	-.8 .2		M7 G	1669	40251		RW CVN		1?-	72.2	72.5
13 57 46.0	-59 30 48	AGL		-1.4 .4	-3.4 .5			4186					2--	311.6	1.9
13 58 9.5	+35 48 11	SPC				-2.6 .3		5291					--2	78.3	71.1
13 59 31.8	-27 11 21	SAO	1.2 .3	-1.0 .4			K3 G	1673	-30212	5265	GC 18954		1--	321.7	32.8
14 0 23.3	-76 33 25	SAO		-2.9 .4	-4.0 .4		M3	4187		5261	THE APS		1--	307.2	-14.5
14 0 35.0	-61 5 18	AGL		-1.0 .5	-3.6 .4			4188					2--	311.5	.3
14 2 2.5	-62 7 0	AGL		-1.3 .4	-3.2 .5		M2 II	4189			GC 19022		1--	311.4	-.7
14 3 31.0	-26 26 33	SAO	.6 .3				K2 III	1676	-30213	5287	PI HYA		1--	323.0	33.3
14 3 57.0	-61 12 30	AGL		-.8 .5	-3.7 .4	-6.2 .6		4190				EO	1--	311.9	.1
14 3 59.1	+ 6 19 4	FIR			-1.4 .2			5292			NGC 5470	GALAXY	-2-	346.6	62.4
14 3 59.2	-13 58 1	SAO	1.1 .3				M4 G	1677	-10297		ER VIR		2--	329.1	44.8
14 5 55.8	+44 5 30	SAO	-.6 .3	-.9 .2	-1.2 .2		M4 III	1680	40253	5299	BY BOO		C-?	85.3	67.3
14 8 6.3	-16 4 0	SAO	.4 .3				M3 G	1684	-20265	5301	ET VIR		2--	329.2	42.5
14 8 39.0	- 7 30 44	CIO	2.0 C	-1.5 .3	-3.1 .4		M9 III	1686					2--	334.8	50.1
14 8 40.9	-28 39 1	SAO	1.0 .3				M6.5E	1685	-30215		RU HYA		2--	323.4	30.8
14 9 .5	+77 46 57	SAO	1.2 .3				K3 III	1687	80026	5321	4 UMI		3--	117.7	38.8
14 10 13.5	-10 2 31	SAO	.6 .3				K3 III	1688	-10300	5315	KAP VIR		2--	333.5	47.7
14 10 27.2	-13 37 34	SAO	1.2 .3				M5 II	1689	-10301		EV VIR		2--	331.3	44.5
14 11 7.8	+69 40 1	SAO	1.1 .3				M2 IIIAB	1690	70123	5334	DO 34594		2--	112.9	46.1
14 12 56.9	-59 40 55	SAO	-1.1 C	-2.7 .4	-3.8 .4		M5 III	4191		5326	R CEN		1--	313.4	1.2
14 13 22.8	+19 26 31	SAO	-3.1 .3	-3.3 .3	-3.3 .2	-2.8 .3	K2 IIIP	1693	20270	5340	ALF BOO		C2-	15.1	69.1
14 13 54.0	-13 52 48	AGL			-3.1 .4			4192					1--	332.2	43.9
14 14 15.0	-16 12 42	IRC	.2 .2	-.5 .4	-2.4 .5		M6 III	1694	-20266		EW VIR		2--	330.9	41.7
14 16 14.2	+67 1 28	CIO	.3 .3	-1.1 .2	-1.0 .2		M6E	1696	70124		U UMI		C22	110.4	48.2
14 16 29.0	-13 12 7	SAO	.7 .3		-2.3 .5		M5	1698	-10304		EY VIR		1--	333.4	44.2
14 16 31.5	-14 10 41	SAO	1.4 .4	-.8 .4			M1	1697	-10305				2--	332.8	43.3
14 16 42.3	-36 37 44	SAO		-1.6 .4			M3	4193	-30203E		GC 19313		1--	322.0	22.7
14 16 49.0	+ 3 1 0	AGL		-.9 .4				1700					1--	347.5	57.8
14 17 53.0	+13 52 54	FIR			-2.0 .2	-2.6 .3		5293					-2-	4.4	65.3
14 20 2.2	+29 35 51	SAO	.4 .3				M4.5 G	4194	30254		CT BOO	EO	1--	44.7	69.9
14 20 57.0	-60 10 54	AGL			-3.6 .4			4195				EO	1--	314.2	.4
14 21 56.7	+25 55 49	SAO	-2.3 .3	-3.5 .3	-4.5 .2	-3.9 .3	M8E III	1706	30257		RX BOO		C2-	34.3	69.2
14 22 46.5	+35 6 13	SPC			-2.2 .2	-2.2 .3		5294			NGC 5614	GALAXY-SA	--2	59.9	68.6
14 23 53.7	+35 27 52	SPC			-2.4 .2			5295					--2	60.7	68.3

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
14 24 45.7	+ 4 54 6	EIC	.4 .3	-1.3 .4	-1.9 W		M6E III	1710	243		RS VIR		3--	352.7	58.0
14 25 40.2	+28 59 54	FIR			-2.2 .2	-2.4 .3		5296					-F-	43.0	68.7
14 25 44.0	-68 43 12	AGL			-3.7 .4			4196					1--	311.6	-7.8
14 26 3.2	- 6 40 37	SAO	1.3 .3				K5 G	1711	-10306	5410	106 VIR		2--	341.1	48.6
14 26 33.0	+38 9 36	AGL	1.3 .3					1713					1--	67.0	66.9
14 27 36.2	+75 55 6	SAO	.7 .3				K4 III	1714	80028	5430	5 UMI		4--	115.4	40.0
14 27 44.2	+39 4 59	SAO	.3 .3	-.3 .2	-1.0 .2		M6E	4947S	40257		V BOO		1*4	69.0	66.4
14 28 1.7	-29 52 34	SAO	-.8 .2	-2.0 .4	-2.2 C		M4E	1715	-30222		Y CEN		2--	327.3	28.0
14 29 40.4	+30 35 24	SAO	.4 .3				K3 III	1716	30259	5429	RHO BOO		1--	47.3	67.8
14 34 59.3	+26 57 9	SAO	1.6 .4	.3 C			M4.5E III	4950S	30260		R BOO		1--	38.1	66.5
14 36 11.3	-60 37 49	SAO	-2.0 C	-2.7 .4	-2.1 .8		K1+G2 V	4197		5459	ALF CEN		1--	315.8	-.7
14 37 9.3	+32 45 15	SAO	-.4 .3	-1.4 .2	-2.5 .2		M5E	1719	30261		RV BOO		C23	52.5	66.1
14 39 6.2	+31 47 7	SAO	0.0 .3	-.7 .2	-1.2 .2		M5 G	1720	30262		RW BOO		C22	50.1	65.7
14 40 51.0	+55 0 56	SAO	.8 .3				M6	4198	60229		DO 34736	EO	1--	94.5	55.8
14 41 13.5	+26 44 22	SAO	-.1 .3	-.6 .2	-.7 .2		M3 IIIA	1724	30263	5490	34 BOO	W BOO	C*4	38.0	65.1
14 41 31.0	-59 36 42	AGL		-3.3 .4	-6.3 .4	-7.8 .6		4199				EO	1--	316.8	-.1
14 42 32.0	-59 10 30	AGL		-1.6 .4	-4.3 .4			4200					1--	317.1	.3
14 42 33.6	+56 19 3	SAO	1.5 .3	.7 C			M5 G	1726	60230		UV DRA		C--	95.9	54.7
14 42 48.1	+27 17 3	SAO	-.2 .3				K1 III	4201	30264	5506	EPS BOO	EO	1--	39.4	64.8
14 43 44.5	+15 20 27	AO	-.8 .3	-1.5 .3	-1.4 C		M5 IIIAB	1728	20275	5512	DO 15069		2--	14.5	60.8
14 45 31.4	-36 25 35	SAO	-.7 .3				M3	1732	-30211E	5514	55 HYA		1--	327.7	20.5
14 47 20.7	-27 45 12	SAO	.6 .3				K4 G	1736	-30226	5526	58 HYA		1--	332.7	28.0
14 48 2.0	-61 52 0	AGL		-3.0 .4	-3.6 .5			4202					1--	316.5	-2.4
14 50 1.3	+80 38 31	SPC			-3.0 .2	-3.9 .3		5297				E?	--3	117.2	35.4
14 50 49.6	+74 21 36	SAO	-1.5 .3	-1.7 .2	-1.7 .2	-2.1 .3	K4 III	1740	70125	5563	BET UMI		C-2	112.6	40.5
14 51 44.0	-72 37 42	AGL		-1.8 .4				4203					1--	312.0	-12.2
14 51 54.0	-58 48 36	AGL			-3.7 .4	-6.7 .6		4204					1--	318.3	.1
14 55 2.6	-12 14 15	SAO	.9 .3	-1.2 .3			M5 G	1743	-10308		FY LIB		2--	344.8	40.0
14 56 15.0	-54 6 18	AGL	3.3 C	-.7 C	-3.8 .4		WC	4205			HE2-113		1--	321.0	4.0
14 56 46.8	+66 7 52	SAO	-1.4 .2	-1.5 .2	-1.5 .2		M5 III	1744	70126	5589	RR UMI		C22	104.9	46.5
14 56 53.2	+ 4 45 59	SAO	1.3 .3				M3 IIIAB	1745	256	5584	DO 3614		2--	2.1	52.1
14 58 4.0	-34 16 36	IRC	1.3 .3				M5E	1746	-30214E		AP CEN		1--	331.2	21.2
14 58 39.0	-59 27 0	AGL		-1.9 .4	-2.5 .5			4206					1--	318.8	-.9
14 59 2.0	-58 25 42	AGL			-4.4 .4			4207					1--	319.3	-.0
14 59 6.2	+25 20 42	SPC		-1.3 .2	-3.6 .2			5298				EO	-S-	36.5	60.9
14 59 26.4	+25 3 32	SPC		-3.0 .2	-2.4 .2			5299				EO	-S-	35.9	60.7
14 59 48.0	-58 50 12	AGL		-1.3 .5	-3.9 .5			4208					1--	319.2	-.4
14 59 51.1	+25 10 49	SPC		-3.2 .2			K4 IIIAB	5300	30266	5600	OME BOO	EO	-S-	36.2	60.7
15 0 3.7	+40 35 13	SAO	1.1 .3				G8 III	1748	40263	5602	BET BOO		1--	67.6	60.0
15 1 8.2	-25 5 12	SAO	-1.5 .2	-2.1 .3	-2.8 .5		M3.5 III	1750	-30228	5603	SIG LIB		3--	337.2	28.6
15 1 33.0	-57 19 6	AGL		-2.4 .4	-4.3 .4			4209			RCW 87		1--	320.2	.8
15 3 49.9	-16 3 51	SAO	1.6 .5				K5 III	4979S	-20279	5622	NUU LIB		1--	344.0	35.6
15 7 22.0	-57 31 54	AGL			-3.9 .4			4210					1--	320.7	.2
15 8 18.0	-48 8 48	AGL		-3.9 .5	-4.2 .6			4211					1--	325.6	8.3
15 9 47.7	+19 9 47	SAO	.2 .3				M4 IIIAB	1754	20277	5654	FL SER		1--	26.3	56.8
15 9 48.0	-55 11 24	AGL		-2.0 .4	-3.9 .4			4212					1--	322.2	2.1
15 12 21.9	- 2 13 46	SAO	.6 .3	1.0 C			M7	1756	262		DO 3770		2--	358.2	44.5
15 12 22.0	-58 1 48	AGL		-2.0 .4	-4.3 .4	-6.1 .6		4213			RCW 91		1--	321.1	-.5
15 16 39.9	- 8 57 55	SAO	.7 .3	.5 C			M4 G	1761	-10317		FZ LIB		3--	352.8	39.0
15 18 37.5	-36 4 53	SAO	.2 .3				K5	1763	-30218E	5705	PHI1 LUP		1--	334.0	17.4

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
15 19 2.9	-32 0 39	SAO	.6 .3				MB	1764	-30234		GC 20653		1--	336.5	20.7
15 19 19.0	+14 29 35	SAO	.6 .3	-1.2 .3			M5E III	1765	10290		S SER		2--	20.5	52.8
15 19 19.1	+20 50 23	SPC		-.4 .2	-2.1 .2			5301					EO -S-	30.5	55.2
15 19 21.5	+31 32 46	SAO	-.9 C	-2.1 .2	-3.1 .2	-2.6 .3	M6.5E	4990S	30272		S CRB		C--	49.5	57.2
15 20 50.4	+15 59 15	SPC		.1 .2	-2.4 .2			5302					-S-	23.0	53.1
15 20 53.7	+20 33 54	SPC		-1.4 .2	-3.4 .2			5303					EO -S-	30.2	54.8
15 21 4.1	+63 4 45	SPC			-2.8 .2	-2.4 .3		5304					EO -2-	99.0	46.6
15 21 15.5	+20 43 39	SPC		-.7 .2	-2.3 .2			5305					EO -S-	30.6	54.7
15 21 24.7	-22 43 45	CIO	-.9 .3	-1.8 .3	-2.4 C		M7E III	1767	-20286		RS LIB		2--	343.1	27.8
15 22 19.4	- 2 3 34	SAO	-.1 .3	-1.3 .4	-3.1 .5		M7	1769	265		DO 3724		3--	.6	42.8
15 22 35.9	-36 3 26	CIO	.8 .3	-2.7 .4	-3.5 .4		M8.5	1771	-30220E		SVS 2332		2--	334.7	17.0
15 23 28.1	+15 36 9	SAO	.9 .3				M1 IIIA	1772	20280	5739	TAU1 SER		2--	22.9	52.4
15 25 32.0	+19 44 6	IRC	.6 .3	-1.6 .2	-2.8 .2	-2.8 .3	M8.5E III	1773	20281		WX SER		C2-	29.5	53.5
15 26 16.0	+17 34 0	AGL			-3.1 .4			4215					1--	26.3	52.5
15 27 59.0	-62 8 30	AGL		-3.9 .4				4216					1--	320.5	-5.0
15 29 17.8	-23 42 41	SAO	.2 .2				M5	1776	-20288		GG LIB		2--	343.9	25.9
15 29 54.3	+ 3 48 34	EIC	1.2 .3				M8E III	1777	268		WW SER		2--	8.7	45.0
15 31 28.2	+78 46 55	SAO	-.5 .3	-1.5 .2	-2.5 .2		M7E III	1780	80030		S UMI		C22	114.0	35.6
15 32 19.2	+57 9 6	SPC		-1.2 .2	-1.8 .2			5306					-S-	90.5	48.7
15 32 43.5	-14 37 27	SAO	1.6 .4				G8 IIIP	5007S	-10323	5787	GAM LIB		1--	351.5	32.2
15 32 51.3	+77 31 0	SAO	1.0 .3				K5 III	1783	80031	5826	THE UMI		4--	112.9	36.5
15 33 59.0	-27 58 15	SAO	.1 .3				K3 III	1787	-30239	5794	UPS LIB		1--	341.9	21.9
15 34 9.1	+15 15 56	SAO	-1.4 .2	-1.9 .2	-2.7 .2	-2.2 .3	M5 IIB	1788	20282		TAU4 SER		C--	24.1	49.9
15 35 5.0	-15 12 36	AGL	1.5 .4	-1.9 .3	-3.3 .5			4217			SVS 2390		1--	351.5	31.4
15 36 7.7	+24 41 4	SAO	-.9 .3	-1.0 .2			M5 G	1790	20283		DO 15290		12-	38.1	52.5
15 37 14.0	+60 10 11	FIR			-2.0 .2	-2.1 .3		5307					-F-	94.6	46.6
15 38 13.6	+39 7 36	SPC			-1.2 .2	-3.0 .3		5308					EO -?-	82.6	53.1
15 39 3.6	-19 31 6	SAO	.7 .3	.5 W	.7 W		K5 III	1792	-20292	5838	KAP LIB		2--	348.1	27.6
15 39 44.8	+38 42 59	SPC	0.9 C	.0 .2		-1.9 .3	M5 G	5309	40271		RR CRB		-2-	61.6	52.8
15 40 18.2	-37 0 43	SAO	.3 .3				MB	4218	-30231E		FQ LUP		EO 1--	337.0	14.1
15 41 1.4	- 1 33 10	EIC	-.2 .2	-1.5 .4	-2.0 C		M6E III	1793	269		BG SER		2--	5.1	39.5
15 41 48.2	+ 6 34 54	SAO	0.0 .3	-.2 .2			K2 IIIP	1794	10294	5854	ALF SER		C--	14.2	44.1
15 44 55.5	+38 27 17	SPC		-.5 .2			M8 G	5310	40272		Y CRB		-S-	61.3	51.9
15 46 .4	-20 17 48	SAO	1.4 .3				M2	1796	-20295				2--	349.7	25.9
15 46 29.2	+18 17 41	SAO	-.2 .2	-.7 .2			M1 IIIAB	1799	20284	5879	KAP SER	IC 1142	C--	30.1	48.3
15 46 30.7	+28 18 32	SAO	1.5 C	-1.0 .4	-1.0 C		F8 IA PEC	4219		5880	R CRB		2--	45.0	51.0
15 47 44.1	+39 43 23	CIO	0.5 C	-1.4 .2	.3 .2		C6,2E	5311	40273		V CRB		-S-	63.3	51.2
15 48 23.2	+15 17 3	SAO	-.2 .2	-1.8 .2	-1.6 .2	-2.6 .3	M6.5E	1801	20285	5894	R SER		C--	26.2	46.8
15 49 4.0	+21 7 37	SAO	.5 .3				K4.5 III	1803	20286	5899	RHO SER		1--	34.4	48.7
15 49 9.0	+30 15 55	SPC		-.7 .2	-1.8 .2			5312					EO -S-	48.2	50.7
15 49 16.7	+48 37 59	CIO	-0.7 C	-1.7 C	-2.3 .2	-2.7 .3	M6 IIIAS	5313	50246		ST HER		-2-	77.9	43.4
15 49 43.4	-25 56 50	SAO	1.4 .3				M5	1804	-30246		SVS 7235		1--	346.3	21.2
15 50 58.4	-16 35 3	SAO	1.3 .3	.8 C			K0 III	1805	-20296	5908	THE LIB		3--	355.1	27.7
15 51 44.0	-10 43 36	IRC	1.6 .4	.7 C			M7	1806	-10326		GP LIB		3--	358.0	31.6
15 52 22.3	+20 27 23	SAO	1.2 .4				M0 III	5021S	20288	5924	DO 15359		1--	33.7	47.8
15 52 30.3	- 3 50 15	EIC	1.6 .4				M4 III	1809	274				2--	5.1	35.9
15 52 44.3	-18 38 44	SAO	1.6 .4				M3	1811	-20299				3--	352.2	26.0
15 52 49.6	+30 22 18	SPC		-.7 .2	-2.3 .2			5314					-S-	48.6	39.9
15 53 27.0	-18 9 24	IRC	1.5 .3				M4E III	4220	-20300		RR LIB		1--	352.7	26.2
15 54 15.0	-15 53 25	SAO	1.4 .3				M1 G	1814	-20301		GC 21411		3--	354.7	27.6

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
15 55 30.9	+27 1 17	SAO	.9 .3	-.1 .4			K2 III	1816	30280	5947	EPS CRB		1--	43.7	48.8
15 56 37.9	+36 9 33	SPC		-.4 .2	-1.7 .2		M7	5315	40276		RS CRB		-2-	57.6	49.6
15 57 39.0	-12 12 12	IRC	1.2 .3	-.9 .4	-1.3 C		M8-9E III	1818	-10329		FS LIB		2--	356.5	29.5
15 59 44.5	+67 8 1	SPC			-2.6 .2	-2.0 .3		5316					-S-	100.6	41.0
16 1 8.8	+47 22 35	CIO	-1.6 C	-3.1 .2	-3.7 .2	-3.3 .3	M6 G	5317	50248		X HER		-22	74.5	47.8
16 2 25.4	+10 46 30	SPC		-.7 .2			M4	5318	10301		DO 3932		-S-	22.6	41.7
16 2 59.6	-30 41 25	JCG	1.8 C	-1.8 C	-3.4 .5		M	1822					1--	345.0	15.7
16 3 5.0	-21 36 12	IRC	.6 .3	.4 C			M5.5E III	1821	-20306		Z SCO		1--	351.8	22.2
16 4 6.3	+56 24 26	SPC		.2 .2	-2.8 .2			5319					-S-	87.0	45.0
16 5 4.4	-26 11 40	SAO	.8 .3				M2 G	1823	-30253	6001	GC 21673		1--	348.6	18.6
16 5 59.6	- 1 24 21	EIC	.9 .3				M5	1826	277		DX SER		2--	10.0	34.6
16 6 3.2	+ 8 39 57	SAO	.3 .3	.1 .2	-2.5 .5		M4 IIIA	1825	10302	6010	47 SER		C--	20.7	39.9
16 7 13.3	- 3 20 12	SAO	1.4 .3				K4 III	1828	279	6016	GC 21738		2--	8.3	33.2
16 8 5.8	+25 12 2	CIO	-.7 .3	-1.9 .2	-2.5 .2	-2.8 .3	M7E III	1832	30283		RU HER		C--	42.0	45.6
16 9 30.2	+23 37 22	SAO	-.3 .3	-.4 .2	-1.2 .2		M4 III	1834	20294	6039	10 HER	LQ HER	C2-	39.9	44.9
16 10 36.6	+64 50 23	SPC		.3 .2	-2.5 .2			5320					-S-	97.2	41.1
16 11 4.7	-11 42 42	SAO	1.6 .3				K3 III	1835	-10334	6048	CHI SCO		2--	1.3	27.3
16 11 12.7	+22 46 32	SPC		-.0 .2	-2.2 .2	-1.8 .3		5321			V537 HER		-S-	38.9	44.3
16 11 43.3	- 3 34 1	SAO	-1.5 .2	-1.7 .2	-1.6 .2		M0.5 III	1837	280	6056	DEL OPH		C--	8.9	32.2
16 12 49.7	+48 7 34	SPC			-2.6 .2			5322					-2-	75.	45.7
16 13 30.8	+54 3 46	SPC			-1.3 .2			5323					--2	83.3	44.3
16 15 40.3	- 4 34 20	SAO	.9 .3				K0 III	1838	282	6075	EPS OPH		2--	8.6	25.3
16 16 24.9	+59 52 33	SAO	-.3 .3	-.5 .2	-.5 .2		M4 IIIA	1841	60241	6086	AT DRA		C24	90.7	42.3
16 17 2.5	-14 31 26	SAO	1.5 .3				M2	1843	-10336				3--	359.9	24.4
16 17 37.4	-24 3 2	SAO	1.0 .3	1.5 C			A5 II	1844	-20311	6081	OMI SCO	OPH #58	1--	352.3	18.1
16 18 9.0	-25 28 12	AGL			-3.8 .4		B1 III	1845	-30260	6084	SIG SCO		2--	351.3	17.0
16 18 42.4	- 7 34 55	EIC	1.0 .3	.3 .2			M6E III	1847	-10337		W OPH		22-	6.3	28.4
16 19 53.0	-25 31 18	AGL			-2.9 .4			1850					1--	351.6	16.7
16 20 8.8	+31 0 25	SAO	1.6 .3	2.7 C			K0 III	1852	30287	6103	XI CRB		1--	50.8	44.2
16 20 18.1	- 7 5 36	SAO	1.2 .3				M8	1851	-10338				2--	7.0	28.4
16 20 28.4	+33 54 56	SAO	1.0 .3				M2 IIIAB	1853	30288	6107	NU1 CRB		1--	51.8	44.5
16 20 53.5	-22 15 13	SAO	.6 .3				M3	1854	-20315				2--	354.3	18.7
16 21 56.7	+36 33 42	SPC		.0 .2	-2.6 .2			5324			SU CRB		-S-	58.6	44.5
16 22 23.0	-24 17 54	AGL		-2.0 .4	-3.7 .4	-6.5 .6	B2 V	1855			RHO OPH		2--	352.9	17.1
16 23 14.0	-24 29 54	AGL		-2.8 .5	-3.2 .6			4222			#29 OPH		1--	352.9	16.8
16 23 16.0	-33 42 54	AGL		-2.3 .4				1856					1--	345.9	10.6
16 23 18.5	+61 37 37	SAO	.4 .3	-.0 .2			G8 III	4223	60242	6132	ETA DRA		1--	92.6	-1.0
16 23 34.9	+19 0 18	SAO	-1.3 .3	-2.6 .2	-3.2 .2	-2.9 .3	M7E	1858	20298	6119	U HER		C2-	35.3	40.4
16 23 44.0	-24 17 48	AGL		-1.3 .4	-3.4 .5	-7.0 .7		4224					1--	353.1	16.9
16 23 56.6	-12 18 55	SAO	.9 .3	.3 C	-1.0 .2		C7,3E	1859	-10339		V OPH		3--	3.0	24.5
16 24 8.0	+16 46 21	SPC		.1 .2		-3.3 .3		5325					-S-	32.7	35.4
16 25 1.6	- 7 29 7	SAO	.2 .3	.1 .2	-3.5 .4		M2.5 III	1861	-10340	6128	V2105 OPH		C--	7.4	27.2
16 25 59.0	+34 54 36	IRC	.9 .3	-1.3 .2	-2.9 .5		M9	1862	30292		V697 HER		C--	58.4	33.5
16 26 8.0	-82 9 30	AGL			-3.1 .4			4225					1--	307.9	-2.7
16 26 20.2	-26 19 22	SAO	-4.1 C	-4.8 .3	-4.9 .4		M1.5 IAB	1863	-30265	6134	ALF SCO		1--	4[illegible]	15.1
16 26 59.8	+41 59 27	SAO	-2.4 .3	-2.9 .2	-2.9 C	-2.9 .3	M6 III	1864	40283	6146	30 HER		C--	60.[illegible]	4.7
16 29 45.2	+28 50 1	SPC			-2.1 .2	-2.4 .3		5326					-S-	49.[illegible]	6.8
16 30 15.8	+11 35 38	SAO	1.0 .3				K7 III	5055S	10307	6159	29 HER		1--	27.2	36.0
16 30 38.0	+72 23 12	IRC	-.4 .3	-1.2 .2	-1.7 .2	-2.6 .3	M7E III	1868	70135		R UMI		C23	105.	36.4
16 30 52.1	-16 1 48	CIO	.6 .3	-.9 .2	-3.0 .4		M6.5E III	1869	-20319		T OPH		C2-	.6	20.3

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
16 31 2.6	-17 3 28	SPC		-1.5 .2			M5E	5327			S OPH		-S-	.1	20.2
16 32 26.0	-24 51 6	IRC	1.7 .4	.4 C			M6	5056S	-20320		KV SCO		1--	354.0	15.0
16 32 31.3	+66 51 29	CIO	1.9 C	0.4 C	-.7 .2		M5E	5328	70136		R DRA		-2-	98.5	38.2
16 32 48.0	- 8 19 42	AGL	1.9 .3					4227					1--	7.9	25.2
16 33 4.7	-35 9 16	SAO	.9 .3				K6	4228	-30254E	6166	SVS 101597	EO	1--	346.2	8.1
16 33 28.0	-31 8 6	IRC	.3 .3				S4,7	1870	-30266		ST SCO		1--	349.3	10.7
16 34 17.5	+60 34 10	SAO	1.1 .3	-.7 .4	-1.0 .2		M4-5E G	1872	60243		TX DRA		1??	90.7	40.0
16 35 29.7	+22 32 38	SAO	.7 .3				M6	1873	20303		DO 15566		1--	40.9	38.9
16 36 4.6	- 8 31 13	SAO	<1.1 .3	-.7 .3			K5	1874	-10344		GC 22375		2--	8.3	24.4
16 36 16.0	-21 46 24	IRC	1.1 .3				M6	1875	-20321				2--	357.1	16.3
16 36 43.0	-20 46 54	IRC	1.0 .3	-.6 .2	-1.8 .2		M6	1876	-20322				C--	357.9	16.8
16 37 23.3	+49 1 31	SAO	.3 .3	.2 .2			M3 IIIAB	1879	50253	6200	42 HER		1--	75.6	41.6
16 37 25.3	-32 17 1	SAO	.5 .3				C5,5	1878	-30268		SU SCO		1--	349.0	9.3
16 38 19.0	-19 52 6	IRC	.8 .3	-.4 .2			M7	1880	-20324				2--	358.9	17.1
16 38 43.9	-27 0 37	SAO	.4 .3				M6 G	1883	-30269		AX SCO		1--	353.3	12.5
16 38 48.7	+52 27 0	SPC			-2.4 .2	-2.0 .3		5329					-?-	80.1	41.0
16 40 8.2	+18 6 33	SPC			-3.2 .2	-1.5 .3		5330					-?-	36.0	36.4
16 41 10.8	+39 0 59	SAO	1.1 .3				G8 III	1885	40287	6220	ETA HER		1--	62.3	40.9
16 41 50.0	+54 59 42	IRC	-.5 .3	-1.6 .2	-1.7 .2	-2.4 .3	M6 G	1886	50255		S DRA		C--	83.3	40.2
16 42 34.3	- 2 59 39	SAO	.2 .3	-.9 .2			M5 III	1887	291		DO 4132		C--	14.3	26.1
16 43 6.5	+15 50 11	SAO	.8 .3	-.1 .2			M3 IIIAB	1888	20306	6227	DO 15607		1?-	33.8	34.9
16 43 14.0	+12 13 36	IRC	1.2 .3	.9 C			M6E III	1889	10310		UV HER		1--	29.8	33.4
16 43 54.0	-11 33 6	IRC	.2 .3	-1.3 .2	-2.4 .2	-2.1 .3	M8	1890	-10347		V446 OPH		C--	6.8	21.1
16 45 43.6	+42 19 37	SAO	0.0 .3	-.4 .2			M4 IIIAB	1891	40289	6242	V636 HER		12-	66.7	40.3
16 46 1.0	-36 11 18	AGL	.2 .3					1893					1--	347.2	5.4
16 46 7.7	-19 23 29	CIO	1.3 .3	-.2 .2			M4.5E III	1894	-20333		RR OPH		1--	.5	16.0
16 46 35.8	-21 45 58	SAO	.9 .3	-.2 .2			M2.5 G	1895	-20334		V2106 OPH		2--	358.6	14.4
16 47 24.0	+57 53 59	SAO	0.0 .3	-.9 .2	-1.2 .2		M7	1898	60248		AH DRA		104	86.9	38.9
16 47 30.0	+63 2 6	AGL	1.0 .4					1899			NGC 6247	GALAXY	2--	93.3	37.9
16 49 26.0	-12 52 6	IRC	1.1 .3	-1.9 .2	-1.8 .2		M6E	1904	-10348				C--	6.5	19.2
16 49 37.1	+15 1 28	SAO	.5 .3	-.0 .2			M5SE	1905	20307		S HER		C--	33.6	33.1
16 52 7.2	-21 53 25	SAO	.2 .2	-1.0 .2	-1.8 .2		M7	1908	-20336		SY OPH		C--	359.3	13.3
16 53 26.3	-30 30 8	SAO	-.6 .3	-1.4 .4	-2.5 C		M6E	1910	-30271		RR SCO		1--	352.6	7.8
16 53 32.0	-32 54 42	IRC		-1.4 .4	-3.5 .4		M7	1909	-30272			EO	1--	350.7	6.3
16 54 2.0	-10 19 24	IRC	1.2 .3				M6	1911	-10352				1--	9.4	19.7
16 55 10.6	-10 21 27	SPC			-1.7 .2	-3.3 .3		5331				EO	-S-	9.5	19.5
16 55 18.0	+ 9 27 5	SAO	.3 .3				K2 III	1914	10315	6299	KAP OPH		1--	28.4	29.5
16 56 23.7	+22 25 8	SPC		-1.0 .2	-2.3 .2	-2.6 .3		5332					-S-	42.6	34.2
16 56 53.7	-25 1 5	SAO	1.1 .3				M3 G	1916	-30274	6308	GC 22898		2--	357.5	10.6
16 57 29.0	-10 32 42	IRC	1.4 .4	-.7 .2	-1.5 .2		M	5080S	-10355				C2-	9.7	18.9
17 0 13.0	-20 29 54	IRC	1.4 .3	-1.2 .2	-1.9 .2		M9	1920	-20341				C--	1.6	12.6
17 0 39.6	+14 8 7	SPC	.4 C	-.2 .2	-2.1 .2		M3 III	5333	10318	6337	DO 15749		-S-	33.9	30.3
17 2 51.9	-10 5 7	SPC	3.6 C	.1 .2	-2.3 .2	-2.7 .3		5334			M2-9	PLAN. NEB	-S-	10.9	18.1
17 4 53.4	-16 1 40	SAO	.4 .3	-1.0 .2			M5E	1923	-20347		R OPH		C2-	6.0	14.3
17 4 54.4	-24 40 29	JCG	.3 .3	-3.3 .2	-3.2 .2	-4.3 .3	C	1922					C--	358.8	9.3
17 8 2.0	-32 15 55	SAO	-.6 C	-3.3 .3	-3.9 .4		M5 IA	1927	-30282		AH SCO		1--	353.1	4.3
17 8 6.4	+64 22 52	SAO	.3 .3	.0 .2	-1.1 .2		M5	1930	60249		TV DRA		C24	94.3	35.3
17 8 40.8	+40 45 1	SAO	.1 .3	-.7 .2			M7	1929	40292		DO 15828		12-	65.2	35.8
17 10 6.3	+10 38 40	SAO	.7 .3		-2.4 .5		M2 IIIA	1932	10320	6393	37 OPH		1--	31.4	26.7
17 10 13.0	-14 46 30	IRC	1.3 .3	1.9 C			M5	1933	-10358				2--	7.9	14.0

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 10 17.0	-10 31 6	IRC	-.2 .3	-1.7 .2	-2.9 .2	-2.2 .3	M7	1934	-10359				C2-	11.6	16.3
17 10 49.0	-75 32 6	AGL			-2.9 .4			4230					1--	317.1	-20.7
17 10 58.0	- 0 3 36	AGL	2.1 .3					1935					1--	21.1	21.6
17 11 34.3	-33 22 44	CIO	.8 .3	-1.7 .4	-3.4 .4		M8	1937	-30291E		RW SCO	EO	1--	352.6	3.0
17 11 49.0	+14 8 24	AGL	.2 .3					1938					1--	35.2	27.8
17 11 55.8	+ 8 59 25	EIC	-.2 .3	-2.4 .2	-2.6 .2	-3.4 .3	M9	1940	10322		V2108 OPH		C--	29.9	25.6
17 12 2.7	+57 55 11	SAO	1.2 .3				M6 G	1942	60250		TT DRA		2--	86.4	35.7
17 12 3.0	- 0 44 12	IRC	1.1 .3	.3 .2			M8 III	1941	297		V2069 OPH		2?-	20.6	21.0
17 12 3.1	-30 28 51	SAO	.6 .3	-.0 .2			M8	1943	-30287				C--	355.0	4.6
17 12 12.3	-27 8 48	SPC		-.9 .2	-.9 .2	-2.7 .3		5335					-S-	357.8	6.5
17 12 18.8	+11 7 32	SAO	.2 .3	-1.3 .2			M7E	1944	10323		V438 OPH		C--	32.1	26.5
17 12 21.9	+14 26 45	SAO	<-3.7 .3	-4.0 .2	-4.4 .2	-4.3 .3	M5 IB	1947	10324	6406	ALF1 HER		C--	35.5	27.8
17 12 26.0	-21 23 0	IRC	1.2 .3	.3 .2			M8	1945	-20350		V1699 OPH		C--	2.6	9.8
17 12 39.0	+36 25 27	SAO	1.0 .3	.5 .2			M5 G	1948	40293		UW HER		C*-	60.1	34.4
17 12 42.3	-10 56 50	SPC			-2.1 .2			5336					-2-	11.5	15.6
17 12 47.0	-18 28 34	SPC			-1.4 .2	-2.1 .3	M6	5337			V1713 OPH		-2-	5.1	11.4
17 13 18.2	+36 51 52	SAO	-.3 .3	-.4 .2			K3 II	1950	40295	6418	PI HER		C2-	60.7	34.3
17 13 24.3	-15 10 10	SAO	1.4 .3	-.0 .2			M0 G	1951	-20351		GC 23306		1--	8.0	13.1
17 13 58.9	-17 39 44	SPC		-.5 .2			M8	5338	-20352		V1769 OPH		-S-	5.9	11.6
17 15 1.0	-11 56 24	IRC	1.7 .4	-.1 .2			M8	5099S	-10362		RV SER		C--	11.0	14.5
17 16 14.3	-19 34 40	LKR	1.6 .3	-.8 .2	-3.0 .4		M7	1954			V1847 OPH		C2-	4.6	10.1
17 17 15.1	+ 2 11 21	SAO	-.4 .3	-.4 .2			M5 III	1955	301		DO 4268		1--	24.0	21.3
17 17 38.2	-19 50 36	SPC		-.2 .2	-1.3 .2			5339					-S-	4.6	9.7
17 18 6.5	+18 6 26	SAO	.5 .3				M1 IIIAB	1956	20320	6452	V656 HER		1--	40.0	28.0
17 19 14.0	-13 5 54	IRC	1.3 .3	.0 .2			M7	1959	-10366		AB SER		2--	10.5	13.1
17 19 19.5	+16 46 45	SAO	1.1 .3				M3 IIIAB	1958	20321	6463	DO 15937		1--	38.7	27.2
17 20 22.5	+ 0 55 10	SAO	1.4 .3	-.4 .4			M5	1960	302		DO 4277		2--	23.2	20.0
17 20 50.0	-29 16 54	IRC	1.1 .3				C7,3	1961	-30293		V522 OPH		1--	357.1	3.8
17 21 23.0	-22 20 30	IRC	1.7 .4	-.5 .2			M6	5107S	-20359				C--	3.0	7.6
17 22 27.0	-26 48 24	IRC	1.3 .3	-.2 .2			M6	1964	-30294				2--	359.4	4.9
17 22 58.0	- 3 1 12	IRC	1.2 .3				M7	1965	303		AH OPH		2--	20.0	17.5
17 23 3.8	-34 6 35	SPC		-.6 .2	-4.5 .2			5340				EO	-S-	353.4	.6
17 23 40.7	+16 57 35	SAO	.2 .3	-.0 .2			M4 IIIAB	1967	20323	6495	V640 HER		1--	39.3	26.3
17 23 42.3	-34 11 59	SPC		-1.8 .2	-3.4 .2	-4.1 .3		5341				EO	-S-	353.4	.5
17 23 42.3	-31 2 58	SAO	1.2 .3	-.0 .2			M2 RED	5111S	-30297		SVS 101653		12-	356.0	2.2
17 24 1.9	+ 4 10 56	SAO	.7 .3	-.1 .2			K2 II	1969	304	6498	SIG OPH		1--	26.8	20.8
17 24 3.4	+71 54 48	SAO	.7 .3	.1 .2			M4.5 G	1968	70139		DO 35751		32-	102.9	32.5
17 26 2.1	-34 21 12	SPC		-.4 .2	-2.9 .2	-4.5 .3		5342					-S-	353.5	-.0
17 26 3.1	-34 33 35	SPC		-.6 .2	-3.1 .2	-4.2 .3		5343				E?	-S-	353.4	-.1
17 26 32.1	- 7 25 28	EIC	-.6 .2	-1.7 .2		-3.0 .3	M6	1970	-10369				C--	16.5	14.5
17 26 38.7	-23 22 3	SPC		-.7 .2	-1.8 .2			5344					-S-	2.8	6.0
17 26 44.8	-19 26 37	CIO	-.3 .2	-1.0 .2	-.9 .2		C5	1971	-20364		TW OPH		C2-	6.1	8.1
17 26 53.0	-26 25 42	IRC	.9 .3	-1.3 .2	-1.9 .2		M8	1972	-30300				C--	.2	4.2
17 27 6.5	-34 39 39	SPC		-1.1 .2	-4.1 .2	-5.8 .3		5345				E?	-S-	353.4	-.4
17 27 15.9	-33 8 26	SPC		-.9 .2	-3.7 .2	-5.1 .3		5346					-S-	354.7	.5
17 27 19.0	-26 43 6	IRC	1.2 .3	-.2 .2			M7	1974	-30301				2--	.0	4.0
17 27 57.6	-33 50 3	SPC		-1.0 .2	-3.2 .2	-5.0 .3		5347					-S-	354.2	-.0
17 28 1.9	-19 44 29	SPC		-1.3 .2	-1.0 .2	-2.3 .3		5348					-?-	6.0	7.7
17 28 18.7	-33 30 54	SPC			-2.0 .2	-3.4 .3		5349					-S-	354.5	.1
17 28 40.7	-34 43 9	SPC			-3.1 .2	-4.1 .3		5350					-S-	353.5	-.7

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 28 42.9	+26 8 49	SAO	1.1 .3				K4 III	1976	30307	6526	LAM HER		1--	49.5	28.4
17 29 42.0	+17 47 36	IRC	-.7 .3	-2.9 .2	-4.2 .2	-4.1 .3	M2	1977	20326		DO 16032		C2-	40.8	25.3
17 30 8.0	-22 23 42	IRC	1.5 .3	-.8 .2			M	1979	-20368				2--	4.0	5.8
17 30 8.8	-32 53 37	SPC		.1 .2	-2.2 .2	-3.9 .3		5351				E?	-S-	355.2	.1
17 30 19.6	-31 43 22	SPC		-1.0 .2	-3.0 .2	-4.8 .3		5352					-S-	356.2	.7
17 30 43.4	+ 0 8 14	SAO	1.5 .3				M4	1981	305		DO 4306		2--	23.8	17.4
17 30 59.1	-17 24 35	SPC		-1.1 .2	-2.0 .2			5353					-?-	8.4	8.3
17 31 24.8	- 1 56 44	EIC	1.1 .3				M7	1983	307		DO 4308		2--	22.0	16.2
17 31 27.0	-32 55 1	SPC		-1.6 .2	-2.2 .2			5354				E?	-2-	355.4	-.2
17 31 35.5	-34 13 56	SPC		-.9 .2	-1.4 .2			5355	-30346E				-S-	354.3	-.9
17 31 44.0	-33 31 35	SPC		-1.3 .2	-3.8 .2	-4.3 .3		5356			ISS NO.53		-S-	354.9	-.5
17 31 47.0	-23 41 54	IRC	.9 .3	-.4 .2	-1.5 .2		M7	1985	-20370				C2-	3.1	4.8
17 32 54.8	-33 27 5	SPC	-0.1 C	-3.5 .2	-4.8 .2	-4.7 .3		5357	-30352E		TR 27 NO.1	ISS NO.51 EO	-S-	355.1	-.7
17 32 55.0	+53 59 30	IRC	1.1 .3	-.4 .2	-1.4 .2		M7E III	1987	50267		SY DRA		C2-	81.6	32.8
17 33 2.3	+60 26 3	SPC			-2.7 .2	-3.2 .3		5358					-S-	89.3	32.9
17 33 10.3	-16 17 55	SPC		-1.1 .2	-2.9 .2	-2.4 .3		5359					-S-	9.6	8.5
17 33 22.0	+17 39 54	AGL	1.7 .3					1989					1--	41.0	24.4
17 33 26.0	+15 36 54	IRC	.6 .3	-2.2 .2	-3.1 .2	-2.1 .3	M9 III	1988	20328		MW HER		C2-	39.0	23.6
17 34 10.6	-34 52 19	SPC		-2.5 .2	-2.5 .2	-2.4 .3		5360	-30355E				-S-	354.0	-1.7
17 35 13.0	-20 50 24	IRC	1.5 .3				M8 III	1991	-20374		V2075 OPH		2--	6.0	5.7
17 35 21.0	-31 55 49	SPC		-2.2 .2	-2.9 .2	-2.4 .3	M7 IA	5361	-30308				-S-	356.6	-.3
17 35 27.7	-34 56 15	SPC		-.8 .2				5362	-30357E		V492 SCO		-S-	354.1	-1.9
17 35 50.0	-30 21 47	SPC			-1.5 .2	-3.0 .3		5363					-S-	358.0	.4
17 35 59.6	-31 7 8	SPC			-2.5 .2	-3.2 .3		5364			FIR #4		-S-	357.4	.0
17 36 .3	+55 24 16	SPC				-3.2 .3		5365					-2-	83.3	32.5
17 36 3.0	-30 12 46	JCG	.3 .3	-1.3 .2	-3.1 .2	-3.3 .3	M	1992					C--	358.2	.5
17 36 11.7	+57 46 9	CIO	.5 .3	-.8 .2	-1.7 .2		M8 III	1993	60251		TY DRA		C2-	86.1	32.5
17 36 14.0	-31 39 54	SPC		-.7 .2	-1.8 .2		M2	5366	-30309		V493 SCO		-S-	357.0	-.3
17 36 37.7	-23 20 36	SPC		-1.1 .2				5367			V545 OPH		-S-	4.0	4.1
17 37 8.1	+60 13 17	SPC		-.8 .2	-2.1 .2			5368					-S-	89.0	32.4
17 37 19.9	-36 52 50	SPC		-2.0 .2	-3.3 .2	-3.5 .3		5369			NGC 6400	OPEN CL	-S-	352.7	-3.3
17 37 34.8	-26 4 36	SPC		-.4 .2	-2.8 .2	-4.5 .3		5370				EO	-S-	1.8	2.4
17 37 35.5	-31 55 48	SPC		-1.1 .2	-2.0 .2		M2.6 IA	5371	-30312				-S-	356.9	-.7
17 37 35.6	- 2 7 36	SAO	.7 .3	-.2 .2			M3 IIIAB	1995	313	6578	DO 4452		2?-	22.6	14.8
17 37 45.5	-32 11 4	SPC	0.9 C	-.9 .2	-1.7 C		K2.5 IB	5372	-30313		BM SCO		-S-	356.7	-.9
17 37 54.2	-30 19 53	SPC		-2.1 .2	-2.7 .2	-3.7 .3	M	5373	-30314		L II 358.3		-S-	358.3	.1
17 38 10.1	-34 42 4	SPC		-.1 .2	-2.2 .2			5374					-S-	354.6	-2.3
17 38 32.8	-30 37 11	SPC		-.3 .2	-1.8 .2	-3.2 .3		5375					-S-	358.1	-.2
17 38 56.0	-20 46 6	IRC	.9 .3	-1.2 .2		-2.4 .3	M8	1996	-20378				C--	6.5	5.0
17 39 7.0	- 6 26 12	IRC	1.6 .4	-.3 .2			M7	5129S	-10375				12-	19.0	12.3
17 39 20.7	-29 8 12	SPC			-3.0 .2	-3.7 .3		5376				EO	-S-	359.5	.5
17 39 37.1	-30 4 23	CIO	.8 .3	-2.6 .2	-4.1 .4	-5.9 .3	M1	1997	-30316				C--	358.7	-.1
17 39 54.0	-29 48 25	SPC		-.5 .2		-4.0 .3		5377			HFE 32	EO	-S-	359.0	.0
17 39 55.7	- 4 49 36	SAO	1.1 .3				M2 G	1998	315		GC 24016		2--	20.5	12.9
17 40 18.0	+62 34 12	IRC	1.3 .3	.0 .2			M6	1999	60252		DO 35875	NGC 6435	C2-	91.8	32.0
17 40 40.7	+60 0 0	SPC		-.8 .2	-1.4 .2			5378					-S-	88.7	31.9
17 41 0.0	+ 4 35 12	SAO	-.1 .3	-.3 .2			K2 III	2000	317	6603	BET OPH		1--	29.2	17.2
17 41 8.2	-31 54 33	SPC		-3.4 .2	-5.9 .2	-6.2 .3		5379				E?	-2-	357.3	-1.3
17 41 23.0	-29 26 52	AGL		-2.5 .2	-4.5 .2	-6.4 .3		2001			HFE 33		C--	359.4	-.1
17 41 47.3	-29 40 35	SPC			-3.0 .2	-4.3 .3		5380				E?	-S-	359.3	-.3

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 42 3.4	-29 16 9	AGL	1.0 .3	-2.7 .2	-4.1 .2	-7.3 .3		2002			RCW 137		EO C2-	359.7	-.1
17 42 31.0	-28 58 0	IRC	.7 .3	-3.9 .2	-7.0 .2	-8.0 .3		2003	-30321		HFE 34		EO C2-	360.0	-.0
17 42 44.3	-30 11 39	SPC		-.1 .2	-3.1 .2	-3.4 .3		5381			HD 316248	M1-26	-S-	358.9	-.7
17 42 48.6	-29 18 35	SPC		-1.2 .2	-4.7 .2			5382			RCW 137		EO -2-	359.7	-.3
17 43 3.6	-28 48 41	CIO	1.0 .3					2004			SHARP. 17	HFE 35	EO 2--	.2	-.1
17 43 29.0	-34 13 32	SPC		-1.0 .2	-1.4 .2			5383					-S-	355.6	-3.0
17 43 42.4	+50 3 52	SPC			-2.5 .2	-3.1 .3		5384			HD 161796		-S-	77.1	30.9
17 43 48.3	-28 32 20	AGL	1.1 .3	-2.4 .2	-4.8 .2	-7.4 .3		2006			V747 SGR		EO C--	.5	-.1
17 44 11.3	-24 11 56	SPC		.3 .2	-2.6 .2	-3.7 .3		5385					-S-	4.2	2.1
17 44 18.2	-25 19 49	SPC		-.3 .2	-2.3 .2			5386					-S-	3.3	1.5
17 44 20.0	+44 56 53	SPC		-.8 .2	-2.7 .2	-3.4 .3		5387					-S-	71.3	30.0
17 44 30.0	+27 44 56	SAO	1.6 .4				G5 IV	5139S	30312	6623	MUU HER		1--	52.5	25.6
17 45 4.4	- 3 37 38	SAO	.7 .3				M5	2008	320		DO 4412		2--	22.2	12.4
17 45 4.9	+45 45 46	SPC		-1.5 .2	-2.5 .2	-3.1 .3		5388					-S-	72.2	30.0
17 45 15.9	+75 39 32	SPC			-2.6 .2	-2.1 .3		5389					-S-	107.0	30.4
17 45 31.0	-24 31 40	SPC		-.0 .2	-2.5 .2	-3.4 .3		5390					-S-	4.1	1.7
17 45 34.0	-77 51 36	AGL		-2.6 .4	-3.4 .5	-6.3 .7		4233					1--	315.7	-23.5
17 45 36.8	-28 50 32	AGL		-1.4 .2	-3.6 .2	-5.2 .3		2009					EO C--	.4	-.6
17 45 56.5	+50 13 5	SPC		-2.5 .2	-4.0 .2			5391					EO -2-	77.4	30.5
17 46 11.2	-29 1 58	AGL		-1.3 .4	-3.4 .2	-3.9 .3		2010			SHARP. 19		C--	.3	-.8
17 46 11.2	-28 43 48	AGL		-1.7 .2	-4.4 .2	-5.3 .3		2011			SHARP. 20		C--	.6	-.6
17 46 13.0	- 9 7 30	IRC	1.3 .3				M5	2012	-10380				2--	17.5	9.4
17 46 17.9	-27 51 27	SPC		-1.0 .2	-4.4 .2	-5.7 .3		5392					EO -S-	1.3	-.2
17 46 25.1	+44 51 29	SPC			-2.8 .2	-3.9 .3		5393					EO -S-	71.3	29.6
17 46 27.4	-28 4 58	AGL		-.8 .2	-2.6 .2			5143S			HFE 37		C--	1.2	-.3
17 46 43.8	-26 52 8	SPC		-.8 .2	-2.9 .2	-4.0 .3		5394					EO -2-	2.2	.3
17 46 50.0	-28 59 42	IRC	1.2 .3	-2.1 .2	-4.7 .2	-5.6 .3	M2	2013	-30325		V758 SGR		C--	.4	-.9
17 47 21.0	-27 51 12	LKV	2.0 .3	-1.4 .2	-2.9 .2	-4.7 .3	M	2015					C--	1.5	-.4
17 47 21.8	+45 42 53	SAO	.9 .3	-1.5 .2	-2.9 .2	-3.4 .3	M8	2014	50272		V337 HER		C--	72.3	29.6
17 48 11.2	-27 10 22	SPC		-.3 .2	-3.0 .2	-4.2 .3		5395			HFE 38		-?-	2.1	-.2
17 48 16.5	-28 26 10	AGL		-2.3 .2	-3.9 .2	-4.4 .3	E	5146S					C--	1.1	-.8
17 48 26.8	- 8 0 36	EIC	.4 .2	-2.2 .2	-3.0 .2		M9	2016	-10381				C--	18.8	9.5
17 48 28.4	-27 41 54	SPC		-.8 .2	-1.9 .2			5396					-?-	1.7	-.5
17 48 44.6	-27 33 27	SPC				-3.5 .3		5397					EO -2-	1.9	-.5
17 48 50.9	-28 0 50	CIO	.6 .3	-2.3 .2	-3.0 .2	-2.4 .3	M3 IA	2017	-30326		KW SGR		C--	1.5	-.7
17 48 56.9	-36 24 12	SPC				-2.3 .3		5398					-2-	354.3	-5.0
17 49 6.0	- 2 27 12	IRC	1.6 .3	-.3 .4			M6	2018	324		DO 4449		2--	23.8	12.1
17 49 59.3	-27 52 57	SPC			-2.2 .2	-3.0 .3		5399					-S-	1.7	-.9
17 50 1.8	+50 2 5	SPC		-1.5 .2	-3.9 .2	-5.0 .3	F5	5400			MX HER		EO -S-	77.3	29.9
17 50 5.9	-26 30 3	SPC		-.9 .2	-2.2 .2	-2.8 .3		5401					EO -S-	2.9	-.2
17 50 11.1	-26 55 57	JCG	.4 .3	-2.0 .2	-2.6 .2	-3.3 .3	M8-9 RED	2019					C--	2.6	-.4
17 50 26.6	- 2 34 7	SAO	-.2 .3	-.6 .2	-1.4 .2		M6	2020	327		V533 OPH		C2-	23.8	11.7
17 50 28.0	-26 10 38	SPC		-.8 .2	-3.5 .2	-5.1 .3		5402					EO -S-	3.3	-.1
17 50 31.1	-31 44 1	SPC		-.7 .2	-2.4 .2	-2.8 .3		5403					-S-	358.5	-2.9
17 51 13.9	-25 49 0	JCG	1.2 .3	-1.1 .2	-1.5 .2		C	2023					C2-	3.7	-.1
17 51 23.0	-23 13 30	IRC	.7 .3	-2.0 .2	-3.1 .2	-2.9 .3	M5	2024	-20397		V774 SGR		C--	5.9	1.2
17 51 25.3	-26 12 33	SPC		-.3 .2		-3.1 .3		5404			HFE 40		-S-	3.3	-.3
17 51 33.4	+44 53 14	SPC		-.7 .2	-2.5 .2			5405					-S-	71.5	28.7
17 51 34.1	+44 55 50	SPC		-1.0 .2	-3.1 .2	-3.3 .3		5406					EO -S-	71.5	28.7
17 51 34.4	-27 15 3	SPC		-1.9 .2	-2.8 .2	-3.0 .3		5407					-S-	2.5	-.9

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 51 47.5	-25 23 37	SPC		-.6 .2	-2.4 .2	-2.5 .3		5408					E? -2-	4.1	.0
17 51 53.0	+28 12 12	AGL	1.8 .3					2025			EO HER		1--	53.5	24.2
17 51 53.8	-26 28 57	SPC		-.1 .2	-3.0 .2	-5.0 .3		5409					EO -S-	3.2	-.5
17 52 .2	-25 7 43	SPC		-1.0 .2	-3.3 .2	-4.6 .3		5410					EO -2-	4.3	.1
17 52 18.7	-26 12 41	SPC		-.6 .2	-2.0 .2			5411					-2-	3.4	-.5
17 52 30.2	+50 32 53	SPC		-1.7 .2	-3.8 .2			5412					-2-	77.9	29.5
17 52 36.0	+49 56 14	SPC		-2.2 .2	-2.1 .2			5413					-S-	77.2	29.4
17 52 39.7	+56 52 48	SAO	1.0 .3				K2 III	2026	60253	6688	XI DRA		3--	85.2	30.2
17 52 45.6	+44 56 19	SPC			-3.2 .2	-3.7 .3		5414					-S-	71.6	28.5
17 52 54.0	+57 5 30	IRC	1.4 .3	-.2 .4			M8	2027	60254		BB DRA		2--	85.4	30.2
17 53 20.2	-25 7 22	SPC			-2.5 .2	-3.5 .3		5415			V783 SGR		-S-	4.5	-.1
17 53 20.4	-30 31 15	SPC		-1.5 .2	-2.6 .2	-3.5 .3		5416					-S-	359.8	-2.9
17 53 27.7	+26 2 55	AGL	1.1 .3	-1.2 .2	-1.7 .2		F5 IA	2028		6685	89 HER	V441 HER	C--	51.4	23.2
17 53 52.3	-31 19 20	SPC		.1 .2	-1.6 .2		M6	5417	-30337		V749 SCO		-2-	359.2	-3.4
17 53 55.0	+11 35 7	SAO	1.3 .3				M6	2032	10339		DO 4488		1--	37.3	17.4
17 53 57.2	+44 57 22	SPC		-1.8 .2	-3.4 .2			5418					EO -S-	71.7	28.3
17 53 58.0	+10 37 36	IRC	.5 .3	-.5 .2	-1.4 .2		M6	2033	10340		DO 4490		12-	36.4	17.0
17 54 2.0	-19 20 54	IRC	1.1 .3	-.8 .2			M8E III	2036	-20403		VV SGR		C--	9.6	2.7
17 54 4.0	-23 56 1	SAO	1.6 .3	.5 .2			M1 IB	2034	-20405		GC 24397		2--	5.6	.3
17 54 11.0	+11 10 30	IRC	.5 .3	-.8 .2	-1.5 .2		M7E III	2037	10342		RT OPH		C2-	36.9	17.2
17 54 27.0	-29 51 54	IRC	1.2 .4	-.9 .2			M0	5159S	-30340		V1717 SGR		1--	.5	-2.7
17 54 32.2	+37 15 22	SAO	.9 .3	.7 .2			K1 IIAP	2038	40306	6695	THE HER		1--	63.3	26.4
17 54 39.7	-24 15 11	SPC		-.1 .2	-1.5 .2	-3.4 .3		5419					E? -S-	5.4	.1
17 55 20.9	+49 31 14	SPC		-1.9 .2	-4.5 .2			5420					EO -S-	76.8	28.9
17 55 22.3	+45 21 22	SAO	-.2 .2	-1.1 .2	-.8 C		M5 IIB	2041	50273	6702	OP HER		C2-	72.2	28.2
17 55 26.6	+51 29 39	SAO	-1.6 .3	-1.5 .2	-2.5 .2		K5 III	2039	50274	6705	GAM DRA		C--	79.1	29.2
17 55 28.0	-24 36 49	SPC			-2.6 .2	-2.9 .3		5421					-S-	5.2	-.3
17 55 37.3	+58 13 24	CIO	-.4 .3	-2.3 .2	-2.7 .2	-2.4 .3	M3 I	2040	60255		T DRA		C--	86.7	29.9
17 55 38.8	+45 0 36	SPC		-1.8 .2	-1.7 .2			5422					EO -S-	71.8	28.1
17 56 3.0	-26 38 6	IRC	1.4 .3	-.5 .2	-1.3 .2	-1.8 .3	M8	5161S	-30342				12-	3.5	-1.4
17 56 16.3	- 9 46 9	SAO	.8 .3				K0 IIIAP	2042	-10387	6698	NUU OPH		2--	18.2	7.0
17 56 40.5	-22 13 9	SPC		-.2 .2	-2.4 .2	-3.6 .3		5423					EO -S-	7.4	.7
17 56 42.1	-35 55 33	CIO	1.9 C	-.7 .2	-1.7 C		M2	5424	-30387E		V540 SGR		-S-	355.5	-6.2
17 56 50.2	-23 45 43	SPC			-2.9 .2	-4.2 .3		5425					-S-	6.1	-.1
17 57 2.6	-37 13 4	SPC		-.9 .2	-1.5 .2		M	5426	-30388E		EK CRA		-S-	354.4	-6.9
17 57 19.9	-26 58 40	SPC		-.7 .2	-2.0 .2			5427					-S-	3.4	-1.8
17 57 24.5	-24 3 56	LSK	1.4 .3	-2.7 .2	-5.5 .2	-7.0 .3	M2	2046	-20411		HFE 41+42		EO C--	5.9	-.4
17 57 44.2	-23 20 9	SPC			-2.4 .2	-3.9 .3		5428			W28 C		-?-	6.6	-.1
17 57 59.3	-17 44 34	UCS	1.4 .3	-.3 .2	-1.4 .2		C	2047					C2-	11.4	2.7
17 58 33.5	+66 37 55	SPC	7.0 C	-.3 C	-2.1 .2	-3.2 .3		5429			NGC 6543	PLAN. NEB	--2	96.5	30.0
17 58 54.2	-23 57 26	AGL	1.6 .4	-1.3 .2	-3.1 .2	-4.4 .3		5176S			V1741 SGR		C2-	6.1	-.6
17 59 1.0	-23 37 36	IRC	-.5 .2	-2.7 .2	-3.2 .2	-3.5 .3	WC8	2048	-20417		VE 2-45	V1946 SGR	C2-	6.4	-.5
17 59 17.0	-23 3 33	AGL		-1.8 .2	-3.6 .2	-4.7 .3		2050	-20421		M 20	RCW 147 EO	C--	7.0	-.3
17 59 22.0	-23 28 6	IRC	-.2 C	-1.3 .2	-1.9 .2		M3EP	2049	-20418		SHARP. 28	V1946 SGR	C--	6.6	-.5
17 59 56.1	-36 52 14	SPC		-.8 .2		-2.7 .3		5430	-30396E				-S-	355.0	-7.2
17 59 56.4	-21 47 29	AGL		-1.6 .2	-4.2 .2	-5.5 .3		2051					C--	8.1	.2
18 0 38.0	-24 21 46	CIO		-3.6 .2	-6.6 .2	-7.6 .3		2052			M 8	HFE 46 EO	C2-	6.0	-1.2
18 0 51.1	-23 44 10	SPC		-.6 .2	-1.7 .2	-3.3 .3		5431				EO	-S-	6.6	-.9
18 0 59.0	-20 19 30	IRC	0.0 .3	-3.0 .2	-3.6 .2	-3.3 .3	M8	2054	-20424		1,232		C--	9.5	.8
18 1 1.7	-24 5 9	AGL	1.2 .3	-1.3 .2	-2.8 .2			2053					C2-	6.3	-1.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 1 2.8	-22 8 15	SPC			-3.2 .2	-4.1 .3		5432					EO -S-	8.0	-.1
18 1 10.5	+19 33 12	SAO	1.2 .3				M5 II	2056	20346		DO 16410		1--	45.7	19.1
18 1 36.6	-21 48 50	SPC		-.7 .2	-3.2 .2	-3.7 .3		5433					EO -S-	8.3	-.1
18 1 49.0	-24 27 0	UCG	1.4 .3	-1.8 .2	-4.3 .2	-3.9 .3		2059			M8 E	SHARP. 25	C2-	6.0	-1.4
18 1 51.0	-28 2 54	IRC	.6 .3	-1.4 .2	-2.0 .2	-2.7 .3	M9.5 IAB	2061	-30350		V1804 SGR		C--	2.9	-3.2
18 2 38.0	-21 14 0	IRC	1.4 .4	-1.6 .2	-3.3 .4		M4 I	2062	-20427		5,138		C--	8.9	-.0
18 2 38.0	-25 14 54	IRC	1.5 .4	.2 .2			M8	5193S	-30354				1--	5.4	-2.0
18 2 41.7	-21 49 58	SPC		-1.3 .2	-3.4 .2	-4.4 .3		5434					EO -2-	8.4	-.3
18 2 54.0	-20 49 6	AGL	1.2 .3					2063					1--	9.3	.1
18 3 8.5	- 3 24 57	SPC			-2.7 .2	-2.4 .3		5435					-S-	24.6	8.6
18 3 12.8	-21 38 26	SPC		.1 .2	-2.5 .2	-3.7 .3		5436			HFE 48		-2-	8.6	-.3
18 3 20.9	-20 30 56	SPC			-3.3 .2	-4.6 .3		5437					-S-	9.6	.2
18 3 27.7	-23 58 30	SPC		-.9 .2	-1.8 .2	-3.2 .3		5438					-S-	6.6	-1.5
18 3 35.9	-28 17 48	SPC		-1.3 .2	-2.4 .2			5439					-S-	2.9	-3.7
18 3 38.7	-23 44 31	SPC		-.7 .2	-1.8 .2			5440					-S-	6.9	-1.5
18 3 41.9	-30 18 8	SPC		-.0 .2	-1.7 .2			5441			V1816 SGR		-2-	1.1	-4.7
18 3 55.4	+22 12 46	SAO	0.0 .3	-.5 .2	-2.4 .5		M2 IIIB	2064	20348	6765	98 HER		C--	48.5	19.5
18 3 59.0	- 4 56 6	IRC	1.4 .3		-3.1 .4		M8	2066	337				2--	23.4	7.6
18 3 59.3	- 8 13 36	EIC	.5 .3	-1.4 .2	-1.3 .2		M8.5E III	2065	-10395				C--	20.5	6.1
18 4 5.0	- 9 42 12	IRC	.2 .2	-2.1 .2	-2.2 .2	-2.4 .3	M	2067	-10396		FX SER		C2-	19.2	5.3
18 4 29.1	-29 26 59	SAO	1.1 .3	-1.3 .2	-1.9 .2		M3	2069	-30358				C--	2.0	-4.4
18 4 36.0	+62 38 42	IRC	1.1 .3				M9	2068	60256		DO 36063		3--	91.9	29.2
18 4 38.9	-19 45 20	SPC		-1.1 .2	-2.7 .2	-3.1 .3		5442					-S-	10.5	.3
18 4 56.3	+ 6 32 8	SAO	1.1 .3				M6	2070	10349		DO 4593		1--	33.8	12.8
18 5 .9	-22 13 51	CIO	-1.9 .2	-4.8 .2	-5.8 .2	-4.8 .3	M4E IA	2071	-20431		VX SGR		E? C2-	8.3	-1.0
18 5 17.1	+43 26 40	SAO	.8 .3				M7	2072	40308		DO 36062		2--	70.5	26.0
18 5 34.9	-26 19 0	SPC		-.6 .2			LATE M	5443	-30363		IC 4683		-S-	4.8	-3.1
18 5 56.6	-18 15 8	AGL		-1.0 .2	-3.4 .2	-3.9 .3		2074			SHARP. 38		C--	11.9	.8
18 5 57.8	-19 48 31	SPC		-.7 .2	-2.8 .2	-4.0 .3		5444			W31 #3		EO -S-	10.6	-.0
18 6 1.8	-20 6 20	AGL		-2.1 .2	-4.1 .2	-6.6 .3		4235					C--	10.3	-.2
18 6 9.0	+ 5 16 43	EIC	1.0 .3				M8	2075	10351		AV OPH		1--	32.8	11.9
18 6 11.0	-27 40 54	IRC	.3 .3	-.8 .2	-1.3 .2	-2.3 .3	C	2076	-30364				C--	3.7	-3.9
18 6 15.9	-23 59 13	SPC				-3.5 .3		5445			IC 4685		-S-	6.9	-2.1
18 6 25.8	+42 12 53	SAO	.5 .3	-.9 .3			M10	2077	40312		V529 HER		2--	69.2	25.5
18 6 34.0	-23 7 42	IRC	.9 .3				M5	2079	-20437				1--	7.7	-1.7
18 6 34.1	-20 20 10	CIO		-3.4 .2	-6.3 .2	-7.6 .3		2078			HFE 49		EO C--	10.2	-.4
18 6 38.5	-19 25 12	SPC			-2.2 .2	-3.1 .3		5446					EO -2-	11.0	.0
18 6 55.6	-23 37 1	AGL		-1.1 .2	-1.6 .2	-3.0 .3		2081			IC 1274		C--	7.3	-2.1
18 6 55.9	-24 4 35	AGL		-1.5 .2	-1.6 .2	-3.6 .3	M2	5199S	-20439		NGC 6559	SHARP. 29	E? C--	6.9	-2.3
18 7 21.0	-26 52 24	IRC	1.2 .3	-1.4 .2			C	2082	-30365		V1280 SGR		2--	4.5	-3.7
18 7 29.9	-20 42 25	SPC		-.8 .2	-3.5 .2	-4.9 .3		5447					E? -S-	10.0	-.8
18 7 39.0	- 6 52 12	IRC	1.4 .4	-.7 .2			M8	5201S	-10400				C--	22.1	5.9
18 7 40.0	-10 34 54	IRC	1.2 .3	-1.4 .2	-2.1 .2		M8	2083	-10401				C2-	18.8	4.1
18 7 41.2	-19 56 38	SPC		-1.3 .2	-3.5 .2	-4.5 .3		5448			W31 #7		EO -2-	10.6	-.4
18 7 42.2	- 7 19 44	EIC	1.4 .3	.0 .2			M6	2084	-10402				2--	21.7	5.7
18 7 52.1	-17 57 49	SPC			-2.6 .2	-3.8 .3		5449			IR12.4+0.5		-S-	12.4	.5
18 7 53.4	-20 22 48	CIO	1.1 .3	-1.1 .2			C	2085					C--	10.3	-.7
18 8 20.2	-26 30 15	UCG	.9 .3	-1.7 .2	-3.1 .2	-3.4 .3	M	2086					C--	5.0	-3.7
18 8 34.1	-19 31 5	SPC			-2.0 .2	-3.5 .3		5450					E? -S-	11.1	-.4
18 8 56.2	-17 32 9	SPC		-.5 .2	-2.1 .2	-3.5 .3		5451			MC12.8+0.5		-S-	12.9	.5

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 9 6.0	-18 52 54	IRC	.9 .3	-.9 .2			M9	2087	-20444		1,240		C--	11.7	-.2
18 9 17.3	- 4 37 11	LKR	1.6 C	-1.7 .2	-2.3 .2	-2.9 .3		2088					C--	24.3	6.6
18 9 30.9	-18 29 48	SPC			-2.9 .2	-4.1 .3		5452				EO	-S-	12.1	-.1
18 9 42.0	+ 6 49 39	AGL		.3 C	-2.2 .2	-3.4 .3		5206S			NGC 6572	PLAN. NEB	C--	34.6	11.8
18 9 52.0	-18 41 12	SPC		-.1 .2	-2.0 .2	-3.1 .3		5453					-S-	12.0	-.3
18 10 1.2	+31 23 30	SAO	0.0 .3	-.8 .5	-3.3 .5		M3 III	2089	30328	6815	104 HER		2--	58.2	21.6
18 10 18.0	-16 58 46	SPC			-2.5 .2	-3.8 .3		5454				EO	-S-	13.5	.5
18 10 44.9	-18 3 45	SPC		-1.4 .2	-4.2 .2	-5.2 .3		5455				EO	-S-	12.6	-.1
18 11 7.8	-18 54 34	SPC			-2.5 .2	-4.4 .3		5456					-S-	11.9	-.6
18 11 15.6	-21 43 42	SAO	1.4 .3	-1.0 .2	-2.3 .2	-2.3 .3	K3 G	2092	-20451	6816	14 SGR		C--	9.5	-2.0
18 11 16.0	+12 26 42	IRC	1.2 .3	-.1 .2	-1.0 .2		M4	5211S	10352		V454 OPH		C2-	40.0	14.0
18 11 21.0	-17 56 19	AGL		-2.5 .2	-5.5 .2	-7.2 .3		2090			W 33	EO	C2-	12.8	-.2
18 11 45.0	-16 47 35	AGL		-1.3 .2	-3.8 .2	-4.9 .3		2094					C--	13.9	.3
18 11 59.2	-22 44 53	JCG	1.8 .4	-1.5 .2	-1.9 .2	-3.0 .3		2096					C--	8.7	-2.7
18 12 1.0	-17 9 13	SPC		-.5 .2	-1.9 .2	-3.9 .3		5457				EO	-S-	13.6	.0
18 12 32.0	+30 11 0	IRC	.8 .3	-1.1 .5			M5	2098	30330		DO 16598		1--	57.2	20.7
18 12 40.5	+15 32 7	SAO	.8 .3	-.5 .2			M5	2097	20354		DO 16595		C?-	43.0	15.0
18 12 51.0	+16 14 41	SAO	1.5 .4		-3.0 .2		M4	5213S	20355		DO 16603		C?-	43.7	15.2
18 13 25.2	-16 51 46	AGL		-1.8 .3	-3.5 .4	-5.1 .3		2101					1--	14.0	-.1
18 13 31.0	-17 40 24	IRC	.8 .3	-1.7 .2	-2.9 .2		M3 RED	2102	-20455		5,140		C--	13.3	-.5
18 13 31.0	-16 40 0	IRC	.2 .3	-2.7 .2	-3.7 .2	-4.2 .3	M6	2103	-20454		3,45	SHARP. 44	C--	14.2	-.0
18 13 34.5	+ 2 21 36	SAO	.7 .3				M4 IIIAB	2106	343	6834	DO 4686		1--	31.0	8.9
18 13 36.0	-14 56 29	SPC			-2.3 .2	-3.5 .3		5458					-S-	15.7	.8
18 13 36.7	-18 59 48	JCG	1.0 .3	-1.5 .2	-2.9 .2	-2.5 .3	WC8+OB	2104					C--	12.1	-1.2
18 13 38.2	+16 6 16	SPC			-2.6 .2	-4.7 .3		5459				EO	-S-	43.6	15.0
18 13 53.4	-16 12 11	AGL		-.5 .5	-4.4 .2	-5.3 .3		2105					C--	14.6	.1
18 13 56.2	-18 41 47	AGL		-.8 .4	-3.4 .2	-4.2 .3		2107			SHARP. 39		C--	12.4	-1.1
18 14 3.0	+31 36 18	AGL			-3.9 .4			4236					2--	58.7	20.9
18 14 3.1	-12 12 58	AGL		-1.7 .2				2108					C2-	18.1	2.0
18 14 7.2	-16 27 10	AGL		-1.1 .2	-3.1 .2	-4.8 .3		2109			HFE 51	EO	C--	14.4	-.1
18 14 10.9	-19 50 38	SPC		-1.7 .2	-1.2 .2	-4.5 .3		5460			NGC 6595	CL + H II EO	-S-	11.5	-1.7
18 14 12.8	-36 45 49	SPC	-1.6 C	-1.9 .2	-2.0 .2		M3 II	5461	-30404E	6832	ETA SGR		-2-	356.4	-9.7
18 14 23.9	-15 56 25	SPC			-2.9 .2	-3.0 .3		5462			HFE 52	EO	-S-	14.9	.1
18 14 30.4	-16 43 22	SPC		-.3 .2		-4.2 .3		5463			NGC 6596	OPEN CL EO	-S-	14.2	-.3
18 14 41.8	-22 15 46	JCG	1.8 .4	-.8 .2	-2.2 .2			2110					C--	9.4	-3.0
18 14 54.6	-12 12 20	SPC		-1.4 .2	-3.9 .2	-5.4 .3		5464				EO	-S-	18.3	1.8
18 14 55.3	-27 3 45	SAO	.5 .3				K3 II	2112	-30374	6842	GC 24961		1--	5.2	-5.3
18 15 3.7	-11 46 42	AGL		-2.1 .2	-4.2 .2	-5.9 .3	C	2113			NGC 6604	SHARP. 54 EO	C--	18.7	2.0
18 15 31.0	-13 27 24	IRC	1.0 .3	-.1 C			C5,5	2114	-10409		ES SER		2--	17.2	1.1
18 15 34.0	-15 20 36	IRC	.8 .3	-.5 .4		-2.7 .3	M4	2115	-20461				2--	15.6	.2
18 15 37.2	- 6 53 6	JCG	.9 .3	-1.1 .2			C	2118					C2-	23.0	4.2
18 15 42.6	+17 57 37	SAO	-.2 .3	-1.0 .2			M6	2116	20356		IQ HER		C2-	45.6	15.3
18 15 46.2	-13 44 34	AGL		-2.3 .2	-5.5 .2	-6.3 .3		2117			M 16	ER SER EO	C--	17.0	.9
18 16 6.0	-13 57 48	AGL		-2.0 .3	-2.6 .9			2119			RCW 165		1--	16.9	.7
18 16 6.8	-11 42 8	AGL		-.9 .2	-3.2 .2	-4.3 .3	F	2120			CV SER		C--	18.8	1.8
18 16 8.0	+14 57 27	SPC		-1.5 .2	-3.4 .2			5465				EO	-S-	42.8	14.0
18 16 8.9	- 2 47 32	SPC		-.6 .2	-1.4 .2			5466					-S-	26.7	6.0
18 16 11.2	-20 47 40	AGL		-.2 .2	-3.1 .2	-5.1 .3	M7-8	2121					C--	10.9	-2.6
18 16 20.5	-35 5 9	SPC		-1.2 .2		-3.7 .3		5467			V3051 SGR	EO	-S-	358.2	-9.3
18 16 22.0	-15 46 36	IRC	.8 .3	-1.4 .2	-2.5 C		M0	2122	-20463				C2-	15.3	-.2

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 16 31.5	-16 15 34	SPC			-3.6 .2	-4.6 .3		5468			HFE 55		EO -S-	14.9	-.5
18 17 2.0	-12 19 36	IRC	.9 .3	-.5 .5			M4	2123	-10410				1--	18.4	1.3
18 17 20.0	-16 23 43	SPC		-1.1 .2	-3.7 .2	-5.0 .3		5469					EO -?-	14.9	-.7
18 17 25.6	-35 2 47	SPC		-1.0 .2	-2.2 .2			5470					EO -S-	358.3	-9.5
18 17 34.0	-14 8 24	IRC	1.3 .3	-.1 W			S	2125	-10411				2--	16.9	.3
18 17 35.0	-16 12 24	IRC	0.0 .3	-5.8 .2	-8.3 .2	-8.5 .3	K0	2124	-20466		M 17	NGC 6618	EO C2-	15.0	-.7
18 17 38.3	-18 49 12	SPC		-1.0 .2	-2.8 .2	-2.9 .3		5471					-S-	12.8	-1.9
18 17 45.0	-35 26 58	SPC		-1.9 .2	-2.6 .2			5472			V3082 SGR		EO -?-	358.0	-9.7
18 17 46.4	-16 0 4	SPC		-2.1 .2	-5.2 .2	-5.9 .3		5473			M17C		EO -?-	15.3	-.6
18 17 47.6	-29 51 5	SAO	-.1 .3	-.7 .2			K2 III	2126	-30376	6859	DEL SGR	V741 SGR	C--	3.0	-7.2
18 17 56.0	-13 46 54	IRC	.8 .3	-1.6 .2	-2.0 .2		M10	2127	-10412				C--	17.2	.4
18 18 .2	-35 10 10	SPC		-1.2 .2	-3.4 .2	-3.9 .3		5474	-30407E		V3098 SGR		EO -S-	358.2	-9.6
18 18 6.5	+36 2 27	SAO	.9 .3				K2 IIIP	2129	40313	6872	KAP LYR		2--	63.5	21.5
18 18 9.0	+25 50 12	IRC	1.2 .3				M7	2130	30333		DO 16684		1--	53.4	17.9
18 18 10.4	-15 15 16	SAO	1.6 .4	-.1 .2		-3.9 .3	M2	5223S	-20467		RCW 161		1--	16.0	-.4
18 18 10.9	+21 56 20	SAO	.7 .3				M1 IIIB	2128	20361	6868	106 HER		2--	49.6	16.4
18 18 21.0	+ 5 54 47	SAO	1.6 .4	-.4 .2	-1.1 .2		M5	5224S	10356		V1014 OPH		12-	34.8	9.5
18 18 24.1	-14 49 0	SPC			-2.8 .2	-3.6 .3		5475					EO -S-	16.4	-.2
18 18 26.6	-24 56 22	SAO	-.4 .2	-.9 .2			M5 G	2131	-20468	6861	V4028 SGR		22-	7.4	-5.0
18 18 26.7	-13 2 52	LKV	1.7 .4	-2.1 .2	-4.3 .2	-4.7 .3	B	2132			MWC 922		C--	17.9	.6
18 18 32.6	-16 7 11	SPC		-2.6 .2	-2.6 .2			5476					EO -S-	15.2	-.8
18 18 34.2	-19 28 23	SPC		-.3 .2		-2.0 .3		5477					-2-	12.3	-2.4
18 18 39.0	+31 44 12	IRC	.2 .3	-1.0 .4			M6	2133	30334		TU LYR		3--	59.2	20.0
18 18 43.3	- 2 54 48	SAO	.8 .3				K0 III	2134	347	6869	ETA SER		2--	26.9	5.4
18 19 1.3	-35 8 12	SPC		-1.4 .2	-3.4 .2			5478					EO -S-	358.4	-9.8
18 19 25.6	-14 39 17	AGL		-.5 .4	-2.4 .2	-3.8 .3		5226S			SHARP. 48		C--	16.6	-.3
18 19 26.9	-27 8 5	JCG	1.5 .4	-2.5 .2	-3.2 .2	-3.9 .3		2135					C--	5.6	-6.2
18 19 28.7	-14 9 3	SPC			-2.6 .2	-3.3 .3		5479					EO -S-	17.1	-.1
18 19 36.6	-13 31 40	JCG	.4 C	-1.5 .2	-3.8 .2	-4.9 .3		2136					C2-	17.6	.2
18 19 42.0	-19 24 42	IRC	1.5 .4	.1 .2			M7	5227S	-20470				12-	12.5	-2.6
18 20 3.5	+23 15 31	SAO	.9 .3				M0 IIIAB	2137	20362	6882	GC 25082		2--	51.1	16.5
18 20 13.0	+15 38 0	SPC		1.1 .2				5480			NGC 6627	GALAXY-SBR	-S-	43.9	13.4
18 20 15.8	+49 5 44	SAO	.4 .3				M2 IIIAB	2138	50279	6891	DO 36186		3--	77.3	24.9
18 20 28.0	-13 44 6	IRC	-.1 .3	-2.7 .2	-3.7 .2	-3.1 .3	M8	2139	-10414				C2-	17.6	-.1
18 20 35.0	-12 42 36	IRC	1.5 .4	.7 C			M3EP IA	5228S	-10415		FR SCT		1--	18.5	.3
18 20 41.6	+16 46 53	SPC		-.2 .2	-5.2 .2			5481					EO -S-	45.0	13.7
18 21 10.0	-33 52 41	SPC			-3.6 .2	-2.9 .3		5482					-S-	359.7	-9.6
18 21 17.4	+15 38 33	SPC		.2 .2	-2.5 .2	-3.2 .3		5483					-S-	44.0	13.1
18 21 21.8	+89 3 3	SAO	1.6 .4				M1 III	4238		7394	LAM UMI		4--	121.9	27.5
18 21 22.5	+ 3 35 43	EIC	.9 .3	-.5 .2	-3.1 .4		M9	2142	349		V2090 OPH		C--	33.0	7.8
18 21 33.9	+21 44 44	SAO	.8 .3	-1.6 .4			K2.5 IIIAB	2145	20364	6895	109 HER		2--	49.6	15.6
18 21 38.2	-16 16 20	AGL	1.6 .4	-1.4 .3	-1.9 .2			2143					C--	15.5	-1.6
18 21 46.3	+75 8 31	SPC			-3.3 .2			5484					-2-	106.2	28.2
18 22 7.9	-26 38 2	SPC				-2.7 .3		5485			V2544 SGR		-S-	6.3	-6.5
18 22 8.8	-13 17 17	AGL		-2.4 .2	-4.1 .2	-6.2 .3		2147			SHARP. 53		EO C--	18.1	-.3
18 22 16.0	+39 33 36	IRC	1.1 .3	0.0 .5			M6	2148	40315		TW LYR		3--	67.4	21.9
18 22 22.3	-20 34 13	SAO	1.1 .3				K2 II	2149	-20478	6896	21 SGR		1--	11.7	-3.7
18 22 23.7	-14 44 58	SPC			-3.4 .2			5486			SHARP. 50		EO -S-	16.9	-1.0
18 22 41.4	-12 28 42	SPC		-1.4 .2	-2.8 .2	-4.2 .3		5487			FIR #17		EO -S-	18.9	-.0
18 22 42.7	-12 43 8	CIO	4.3 C	-.8 .4	-.7 C		B0EP	5235S			RY SCT		2--	18.7	-.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 22 48.9	-13 15 40	AGL	1.6 .4	-1.5 .2	-4.1 .2	-5.1 .3		4237			SHARP. 53		C--	18.2	-.4
18 23 2.2	+ 5 44 16	KLM	.9 .3	-1.5 .2			C	2150					C--	35.1	8.4
18 23 31.4	-11 53 8	AGL		-.5 .2	-2.3 .2	-4.0 .3		2152					C2-	19.5	.1
18 23 33.1	-22 6 10	CIO	.6 .3	-1.3 .2	-1.2 .2	-2.5 .3	M3	2151	-20482		V2548 SGR		C--	10.5	-4.7
18 23 47.4	-25 43 11	SPC		.0 .2			M10	5488	-30384		HO SGR		-2-	7.3	-6.4
18 23 50.9	-12 27 41	AGL		-1.3 .2	-3.7 .2			2153				EO	C--	19.1	-.2
18 23 57.6	- 6 55 55	JCG	.6 .3	-2.2 .2	-2.9 .2	-3.4 .3	C	2154					C--	24.0	2.3
18 24 .8	+23 27 1	JCG	1.2 .3	-2.7 .4	-3.6 .5		M2 V	2155			DO 16793		4--	51.6	15.8
18 24 21.5	-12 42 51	AGL		-1.8 .2	-3.7 .2	-5.5 .3		2157			W 39	EO	C--	18.9	-.5
18 24 23.5	+ 3 52 57	SAO	.4 .3	-.9 .2	-1.3 .2		M7E	2156	350		V988 OPH		12-	33.6	7.2
18 24 25.0	+ 1 7 12	EIC	1.1 .3	-.4 .2			C	2158	351		DO 4822		1--	31.2	6.0
18 24 29.3	-12 1 36	JCG	4.2 C	-1.3 .2	-4.0 .2	-4.9 .3	M	2161			NGC 6631	OPEN CL	C2-	19.5	-.2
18 24 43.9	+ 7 29 34	EIC	.9 .3	-.2 .2	-1.5 .2		M6	2159	10357		V585 OPH		12-	36.9	8.8
18 24 47.0	-11 48 36	SPC		-1.4 .2	-2.6 .2	-3.9 .3		5489				EO	-2-	19.7	-.1
18 24 48.1	-12 30 3	CIO	-.1 .2	-2.3 .2	-3.6 .2		M4 IA	2162	-10422		UY SCT	EO	C--	19.1	-.5
18 24 53.1	-25 27 4	SAO	.5 .3				K2 III	2163	-30386	6913	LAM SGR		1--	7.7	-6.5
18 24 58.1	- 8 42 32	EIC	1.1 .3	-1.1 .2	-1.6 .2	-2.8 .3	M3	2164	-10424				C--	22.5	1.3
18 25 1.6	- 3 51 44	JCG	.8 .3	-2.2 .2	-3.4 .2	-4.5 .3		2165			MWC 297	SHARP. 62	C--	26.8	3.5
18 25 8.2	-34 24 13	SPC		-.7 .2	-3.5 .2			5490				EO	-S-	359.6	-10.6
18 25 15.8	-11 32 18	SPC		-.4 .2	-2.3 .2	-3.6 .3		5491					-S-	20.0	-.1
18 25 17.0	-13 5 0	IRC	1.2 .3	-.7 .2	-2.2 .2		M5	2166	-10425				C--	18.7	-.9
18 25 35.9	-11 48 12	SPC		.2 .2	-2.0 .2	-2.5 .3		5492					-S-	19.8	-.3
18 25 46.9	- 7 40 18	SPC		-1.2 .2	-2.4 .2	-3.7 .3		5493					-S-	23.5	1.6
18 26 7.0	-17 49 6	IRC	.6 .3	-.4 .2	-1.5 .2	-2.1 .3	M8	2167	-20487				22-	14.6	-3.2
18 26 16.0	-11 34 6	IRC	1.2 .3	-.8 .2	-1.8 .2	-2.1 .3	M10	2168	-10426				C--	20.1	-.4
18 26 22.0	+ 6 15 52	EIC	1.7 .4	-.3 .2			M7E	5242S	10358		BN SER		C?-	36.0	7.9
18 26 29.6	-10 55 19	AGL		-2.2 .2	-4.1 .2	-5.5 .3		2169					C--	20.7	-.1
18 26 40.6	-15 17 21	SPC			-2.2 .2	-2.3 .3		5494					-?-	16.9	-2.2
18 26 41.0	- 6 6 28	AGL	3.0 C	-1.1 .2	-2.1 .2			2170			MWC 300		C--	25.0	2.1
18 27 8.1	-12 20 5	SPC			-1.4 .2	-2.6 .3		5495			V366 SCT		-2-	19.6	-.9
18 27 28.3	+ 6 12 49	SPC			-1.7 .2		M6	5496	10360		BP SER		-2-	36.1	7.6
18 27 32.0	+24 19 42	AGL	1.4 .3					2172					1--	52.8	15.4
18 27 37.2	+82 36 52	JCG	1.5 .3	-1.2 .2	-1.6 .2		M	2171			SVS 4271		C23	114.7	27.8
18 27 41.7	-14 30 32	SPC			-1.9 .2	-2.9 .3		5497					-S-	17.7	-2.0
18 27 44.0	- 1 24 12	AGL	1.3 .3					2173					1--	29.3	4.1
18 28 26.4	- 9 46 54	JCG	1.4 .3	-.8 .2	-2.1 .2	-3.0 .3	M	2174			SHARP. 56		C2-	22.0	.0
18 28 47.4	-10 48 57	SPC				-2.6 .3		5498			IC 1287		-S-	21.1	-.5
18 28 47.7	- 2 7 42	KLM	1.6 .4	-3.0 .2	-5.5 .2	-7.1 .3		2177			W 40	EO	C--	28.8	3.5
18 28 52.4	- 8 37 27	JCG	.6 .3	-2.1 .2	-2.4 W		C	2178					C--	23.0	.5
18 28 54.4	+ 4 20 42	EIC	1.0 .3	.2 .2			C5,5	2180	353		TY OPH		1--	34.6	6.5
18 28 56.5	-10 1 24	JCG	1.0 .3				WC9	2179					1--	21.8	-.2
18 29 11.0	+38 36 14	SAO	1.2 .3	1.5 W			M8 III	2181	40320		KP LYR		2--	66.9	20.3
18 29 30.1	-10 31 22	SPC			-1.4 .2	-3.1 .3		5499					-S-	21.4	-.6
18 29 36.4	- 9 59 8	SPC			-1.5 .2	-3.0 .3	M4	5500	-10432		VW SCT	EO	-2-	21.9	-.3
18 29 37.0	-21 15 27	SPC		.2 .2	-2.4 .2	-2.5 .3		5501					-2-	11.9	-5.6
18 29 51.9	-14 54 13	SAO	.9 .3				K5 IB	2182	-10433	6959	GC 25310		2--	17.6	-2.7
18 30 10.0	+86 39 30	AGL	1.4 .3				M0	2184			GC 25364		2--	119.2	27.6
18 30 14.0	-20 8 30	IRC	1.5 .3				M8E	5252S	-20494		V3876 SGR		1--	13.0	-5.2
18 30 27.7	- 7 28 39	EIC	1.6 .3	-1.0 .2	-2.5 .2		M7	2185	-10434				C2-	24.2	.6
18 30 32.6	-14 8 46	SAO	1.1 .3	.1 .2	-.8 C		M3 IAB	2186	-10435		BD 14 5105		C--	18.3	-2.5

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 30 36.2	+36 57 39	SAO	-.5 .3	-1.3 .4	-1.4 C		C6,5	2187	40321		T LYR		3--	65.3	19.5
18 30 49.5	- 5 2 16	SPC		-1.3 .2	-2.6 .2	-3.5 .3		5502			AS 301		-S-	26.4	1.7
18 30 55.7	-39 50 39	SPC			-2.3 .2	-3.0 .3		5503					-S-	355.1	-14.0
18 31 .2	-39 41 5	SPC		-.6 .2	-2.8 .2	-3.3 .3		5504					-S-	355.2	-13.9
18 31 3.4	- 9 9 15	AGL	2.7 C	-1.9 .2	-3.3 .2	-4.4 .3	M6.5	2188			EGG NEB		C--	22.8	-.3
18 31 10.6	- 8 10 50	SPC		-.0 .2	-2.7 .2	-4.6 .3		5505				EO	-S-	23.7	.2
18 31 20.7	- 9 22 53	SPC		-.5 .2	-2.4 .2	-4.9 .3		5506				EO	-S-	22.6	-.4
18 31 23.0	+14 12 6	AGL	.4 .3					2189					1--	43.8	10.3
18 31 23.3	- 7 21 54	AGL		-1.9 .2	-4.4 .2	-5.4 .3		2190					C2-	24.4	.5
18 31 29.6	-11 31 45	JCG	1.3 .3	-1.4 .2	-2.5 .2	-2.4 .3	M6	2192					C--	20.8	-1.5
18 31 32.0	-21 3 30	AGL	1.5 .3				M9	2191			V2588 SGR		1--	12.3	-5.9
18 31 35.7	- 8 24 38	SPC		-.9 .2	-2.8 .2			5507				EO	-S-	23.5	-.0
18 31 46.8	- 7 57 56	AGL		-1.0 .2	-3.6 .2	-5.2 .3		2194					C2-	24.0	.1
18 31 48.8	- 8 46 34	AGL		-1.1 .2	-2.7 .2	-4.6 .3		2193			W 41		EO C--	23.2	-.3
18 31 51.0	- 5 12 40	SPC		-.7 .2	-2.5 .2	-3.7 .3		5508				EO	-S-	26.4	1.4
18 31 51.7	- 7 45 7	SPC			-2.3 .2	-6.3 .3	M0	5509	-10437			EO	-2-	24.2	.2
18 32 .4	-19 18 34	SPC		.1 .2				5510			SVS 4206		-2-	13.9	-5.2
18 32 3.2	- 8 35 26	AGL	1.8 .4	-1.8 .2	-3.7 .2	-5.4 .3		2195					C--	23.4	-.2
18 32 26.6	-19 18 34	SAO	.7 .3				M5 G	2196	-20497		V1692 SGR		2--	14.0	-5.3
18 32 28.3	- 7 26 0	SPC		-.7 .2	-3.7 .2	-5.3 .3		5511				E?	-S-	24.5	.2
18 32 29.1	- 8 16 51	SAO	.8 .3	-1.3 .2		-3.7 .3	K3 III	2197	-10438	6973	ALF SCT		2--	23.8	-.2
18 32 46.9	- 8 33 5	SPC		-.8 .2	-1.9 .2	-3.0 .3		5512				EO	-S-	23.5	-.4
18 33 13.6	-32 18 37	SPC		-.8 .2			MC	5513	-30390		ISS 30		-S-	2.3	-11.2
18 33 19.6	+ 5 33 17	JCG	1.8 .4	-2.9 .2	-3.6 .2	-4.3 .3	M	2199					C--	36.1	6.0
18 33 21.1	+51 44 29	SAO	1.1 .3				M4 G	2198	50282		BY DRA		2--	80.6	23.5
18 33 31.2	- 7 12 30	AGL		-1.3 .2	-4.0 .2	-5.9 .3		2200					C--	24.8	.1
18 33 33.9	- 6 55 16	SPC		-.5 .2	-2.4 .2	-3.3 .3		5514					-S-	25.1	.2
18 33 34.7	- 7 45 23	SPC			-1.7 .2	-3.8 .3		5515					-S-	24.3	-.2
18 33 36.3	- 6 42 31	AGL		-1.2 .4	-3.3 .2	-4.3 .3		5263S			SHARP. 60	RCW 173	1--	25.3	.3
18 33 47.0	-19 56 24	IRC	1.3 .4				M5	2201	-20500				2--	13.5	-5.8
18 33 57.8	- 7 23 58	AGL		-1.3 .2	-3.3 .2	-5.1 .3		2202			RCW 172		C--	24.7	-.1
18 34 21.3	- 7 38 47	EIC	1.0 .3	-1.2 .2	-3.3 .2	-5.4 .3	C5,5	2203	-10441		RX SCT	SHARP. 59	C--	24.5	-.3
18 34 44.1	- 2 41 50	EIC	.4 .3	-.5 .4			M6.5	2204	359		CZ SER		2--	29.0	1.9
18 34 52.3	- 5 26 34	WYO	2.4 C	-2.6 .2	-4.9 .2	-5.5 .3	M	2205			OH26.5+0.6		C2-	26.5	.6
18 34 56.6	- 6 20 42	AGL		-1.2 .4	-3.9 .2	-5.3 .3		2207					C--	25.8	.2
18 34 59.0	+10 23 0	IRC	-.4 .3	-3.5 .2	-4.4 .2	-3.9 .3	M9E III	2206	10365		V1111 OPH		C--	40.7	7.8
18 35 13.0	- 6 54 54	IRC	1.3 .3	-.9 .2		-3.2 .3	K0	5268S	-10442				C--	25.3	-.1
18 35 14.7	+38 44 10	SAO	0.0 C	0.0 C	0.0 C		A0 V	2208	40322	7001	ALF LYR		3--	67.4	19.2
18 35 22.9	- 6 9 6	SPC		-.4 .2	-3.1 .2	-4.3 .3		5516				EO	-S-	26.0	.2
18 35 34.9	- 6 50 37	WYO		-2.9 .2	-6.0 .2	-7.2 .3	K0	2210			EW SCT	EO	C--	25.4	-.2
18 35 36.6	- 5 33 25	AGL	1.8 .3	-1.3 .2	-3.3 .2			2211					C2-	26.5	.4
18 35 57.5	- 6 22 6	SPC		-1.7 .2	-2.6 .2	-3.2 .3		5517				EO	-S-	25.8	-.0
18 35 57.5	+ 8 47 20	SAO	-1.3 .3	-3.1 .2	-2.8 .2	-3.0 .3	M6.5E	2213	10366	7002	X OPH		C--	39.3	6.9
18 36 3.1	-13 49 20	SAO	1.4 .3				M4	2214	-10446				1--	19.2	-3.5
18 36 11.0	-15 5 4	SAO	1.2 .3	-.4 .5			M3	2215	-20505		GC 25494		1--	18.1	-4.1
18 36 18.2	- 5 22 31	AGL	1.5 .4	-1.1 .2	-1.7 .2			2216					C--	26.8	.3
18 36 27.3	+39 37 23	SAO	-.6 .2	-1.2 .3	-1.0 C		M4-5 II	2217	40323	7009	XY LYR		3--	68.4	19.3
18 36 31.7	+18 22 34	SAO	1.1 .3				M6	2218	20369		DO 16917		1--	48.1	11.0
18 36 39.2	- 6 6 4	SPC		-1.6 .2	-3.1 .2	-4.1 .3	M1	5518	-10447			EO	-2-	26.2	-.1
18 37 10.0	+11 48 6	IRC	.9 .3				M5	2219	10367		V515 OPH		1--	42.2	8.0

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 37 17.7	- 7 50 13	SAO	1.4 .3				K4 G	2220	-10449	7007	GC 25524		2--	24.7	-1.0
18 37 20.9	- 0 21 27	JCG	1.7 C	-1.7 .4				2222					1--	31.3	2.4
18 37 24.0	-18 36 23	SPC		-1.3 .2	-1.6 .2		M7	5519	-20507		V2378 SGR		-S-	15.1	-6.0
18 37 35.0	- 5 45 42	IRC	.8 .3	-2.0 .2	-3.3 .2		S	2223	-10450		3,S11		C--	26.6	-.1
18 37 45.6	-37 33 38	SPC		-1.0 .2	-1.8 .2		M3	5520	-30425E		AM CRA		-S-	357.8	-14.2
18 38 4.7	- 5 53 37	SPC		-1.1 .2	-2.8 .2	-4.1 .3		5521				EO	-S-	26.5	-.3
18 38 20.0	- 5 42 36	IRC		-1.3 .2	-2.8 .2	-3.8 .3	M6	2226	-10452				C--	26.7	-.3
18 38 21.2	-25 46 32	WYO	1.2 .3					2224			V2380 SGR		1--	8.7	-9.4
18 38 21.6	+40 17 2	SAO	1.2 .3	-.9 .4			M6	2225	40324		DO 16943		2--	69.2	19.2
18 38 38.0	- 6 24 42	IRC		-.9 .2			M	5275S	-10453				C2-	26.1	-.7
18 38 48.0	- 4 23 30	IRC	.7 .3	-2.3 .2	-3.6 .2	-3.7 .3	M4	2227	363		DO 5003		C--	27.9	.2
18 39 26.0	- 5 4 42	IRC	1.5 .4	-1.1 .2			M5	2229	-10454		1,266		C--	27.4	-.2
18 39 31.0	+28 45 54	IRC	1.5 .3				M6	2228	30339		SY LYR		2--	58.1	14.7
18 39 31.0	- 2 48 15	EIC	1.2 .3	-1.2 .2	-1.5 .2		M7 III	2230	364				C--	29.4	.8
18 39 41.0	+17 37 36	IRC	-1.7 .3	-3.5 .4	-3.8 .4		CE	2232	20370				3--	47.8	10.0
18 39 48.4	- 2 20 24	EIC	-.9 .2	-3.3 .2	-3.6 .3	-3.6 .3	C	2233	365		2,176		C--	29.9	1.0
18 39 58.3	-19 20 2	SAO	-.4 .3	-1.2 .2			M3	2235	-20510	7023	V3879 SGR		C--	14.7	-6.9
18 39 58.9	- 4 32 53	AGL	1.5 .3			-3.1 .3		2237			SVS 4316		2--	27.9	-.1
18 40 5.5	- 4 22 23	SPC			-1.1 .2	-3.2 .3		5522				E?	-S-	28.1	-.0
18 40 7.0	+28 54 30	IRC	.4 .2	-1.8 .3			M9	2236	30340		FI LYR		2--	58.3	14.6
18 40 23.8	- 4 15 10	SPC		-1.0 .2	-2.8 .2	-3.9 .3		5523			FIR 23	EO	-S-	28.2	-.1
18 40 25.5	- 3 38 4	AGL		-.6 .2	-2.8 .2	-4.1 .3	M3	2238	367		DO 5046		C?-	28.8	.2
18 40 33.2	- 4 5 50	SPC		-.6 .2	-2.3 .2	-3.1 .3		5524					-2-	28.4	-.0
18 40 50.0	+12 20 36	IRC	1.3 .3	-.8 .4			M8	2239	10373		KX HER		2--	43.1	7.4
18 40 51.7	- 3 51 54	SPC			-2.8 .2	-4.2 .3		5525				EO	-2-	28.6	.0
18 41 6.0	+36 54 30	IRC	.9 .3	-1.0 .4			C7,4	2240	40325		HK LYR		3--	66.1	17.5
18 41 14.8	- 3 5 51	SPC			-1.6 .2	-2.7 .3	M2 RED	5526	369		DO 5053	E?	-S-	29.4	.3
18 41 17.0	+13 54 30	IRC	-.1 .3	-2.4 .3	-3.1 .4		M8 III	2241	10374				2--	44.6	8.0
18 41 31.2	- 5 26 15	SPC		-1.5 .2	-1.5 .2			5527					-S-	27.3	-.8
18 41 39.5	- 4 22 11	AGL		-1.3 .2	-4.3 .2	-5.4 .3		2243					C2-	28.3	-.4
18 41 42.0	- 3 51 6	IRC	1.2 .3	-.4 .2	-2.3 .2	-3.5 .3	M3 III	5285S	370				1--	28.7	-.2
18 41 44.0	+32 38 24	AGL		-.4 .4	-3.3 .4			2242					3--	62.0	15.8
18 41 54.8	- 3 3 55	SPC		-.5 .2	-2.4 .2			5528			SVS 101757		-S-	29.5	.2
18 42 .6	- 3 25 17	SPC		-.4 .2	-2.0 .2	-3.8 .3		5529					-S-	29.2	-.0
18 42 4.5	- 4 4 29	SPC			-2.3 .2	-3.3 .3		5530					-?-	28.6	-.3
18 42 36.1	-10 13 18	SPC		-.5 .2	-1.8 .2			5531					-2-	23.2	-3.3
18 42 59.0	-17 21 6	IRC	1.6 .4	-1.7 .2	-2.4 .2	-2.2 .3	M9	5288S	-20514		V3952 SGR		C--	16.8	-6.6
18 43 4.0	-19 39 37	SAO	.1 .3	-1.0 .2			M4.5 G	2244	-20515	7045	GC 25677		C--	14.8	-7.7
18 43 27.7	- 2 42 48	CIO	1.0 .3	-1.9 .2	-5.3 .2	-6.6 .3		2245			G29.9-0.0	HFE 56	C--	30.0	-.0
18 43 38.0	- 3 51 59	SPC		-1.5 .2	-2.8 .2	-4.6 .3		5532					-S-	29.0	-.6
18 43 40.0	+43 34 54	IRC	1.1 .3	-1.0 .4			M7E III	2246	40328		RW LYR		2--	72.8	19.4
18 43 40.3	- 2 31 5	SPC		-.9 .2	-2.6 .2	-3.7 .3		5533				EO	-S-	30.2	.0
18 44 3.5	+26 36 27	SAO	1.5 .3				K3 III	2247	30342	7064	GC 25721		2--	56.5	12.9
18 44 31.2	- 4 48 11	SAO	1.1 .3	-.6 .2	-1.9 .2		G4 IIA	2248	376	7063	BET SCT	FU SCT	C2-	28.2	-1.2
18 44 44.2	- 2 26 47	AGL		-.9 .2	-3.4 .2	-4.6 .3		2249					C--	30.3	-.2
18 44 48.7	- 5 45 37	SAO	1.2 .3	.6 C			K0 IAB	5296S	-10461	7066	R SCT		1--	27.4	-1.7
18 44 59.6	- 9 23 7	AGL	1.5 .4	-1.4 .2		-2.6 .3	M	2252			MULTIPLE		C--	24.2	-3.4
18 45 .5	- 2 1 38	AGL	1.7 .4	-3.2 .2	-6.3 .2	-7.1 .3	M6 III	2251	377		W 43	HFE 57 EO	C2-	30.7	-.0
18 45 35.0	- 2 1 0	IRC	1.5 .3	-2.0 .2	-3.6 .2	-4.1 .3	M6 III	2254	379				C--	30.8	-.2
18 45 52.9	- 1 41 38	SPC		-.9 .2	-2.8 .2	-4.4 .3		5534				EO	-S-	31.1	-.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 46 3.2	- 2 53 55	SPC	3.4 C	-1.1 .2	-3.4 .2		M	5535			OH30.7-0.7		-S-	30.1	-.7
18 46 28.8	- 6 56 32	KLM	2.5 C	-1.7 .2	-2.5 .2	-2.8 .3	C	2256					C--	26.5	-2.6
18 47 19.0	- 1 32 36	IRC	1.6 .3	-.6 .2	-3.2 .2	-4.6 .3	M6	2258	381		DO 5126		C--	31.4	-.3
18 47 31.1	+ 9 26 34	LKV	2.0 C	-1.9 .3	-2.4 .5		C	2259					2--	41.2	4.7
18 47 37.1	- 7 57 59	SAO	-.1 .2	-.9 .2			C6,4	2260	-10467	7089	S SCT		C--	25.8	-3.4
18 47 45.5	+47 27 27	SAO	.5 .3	-1.1 .4			M7	2261	50284		DO 36528		3--	77.0	20.0
18 47 53.1	- 0 6 29	SPC			-3.2 .2	-4.7 .3		5536				EO	-S-	32.8	.2
18 48 57.0	-29 4 36	AGL	1.3 .3					2264			NZ SGR		1--	6.7	-12.9
18 48 59.3	+80 48 59	SPC				-2.2 .3		5537					--2	112.7	27.0
18 49 14.3	+ 0 9 4	SPC		-.5 .2	-2.7 .2	-3.8 .3		5538				EO	-?-	33.2	.0
18 49 25.5	+12 9 30	JCG	1.6 .4	-1.2 .4			M	2266			LO HER		1--	43.9	5.5
18 49 47.6	- 3 47 14	SAO	1.2 .3				M3	2267	385		DO 5155		2--	29.7	-1.9
18 49 48.7	+ 0 24 11	SPC			-2.0 .2	-4.1 .3		5539				EO	-S-	33.5	.0
18 49 49.6	- 5 24 0	SAO	1.1 .3				M5	2268	-10471		LP SCT		2--	28.3	-2.7
18 49 50.0	+25 36 18	AGL			-3.3 .4			4240					2--	56.1	11.3
18 49 53.5	- 0 18 17	SPC	2.9 C	1.2 C	-2.5 .2	-2.9 .3		5540			OH32.8-0.3		-?-	32.8	-.3
18 50 13.0	-21 32 30	IRC	.5 .3	-1.3 .2	-1.4 .2		M8	2270	-20524		V2059 SGR		C--	13.8	-10.0
18 50 18.7	+ 0 52 22	SPC		-.7 .2	-3.2 .2	-4.1 .3		5541					-S-	33.9	.1
18 50 46.3	+ 1 11 12	CIO		-2.7 .2	-5.2 .2	-6.5 .3		2271					C--	34.3	.2
18 51 5.2	+ 1 46 43	SPC		-.2 .2	-1.9 .2	-3.1 .3		5542					-S-	34.8	.4
18 51 11.0	+30 34 6	IRC	1.8 .3				M8	2273	30345				2--	60.9	13.1
18 51 14.0	+ 0 34 42	IRC	.9 .3	-1.6 .2	-2.2 .2			2272	389				C--	33.8	-.2
18 51 41.2	+40 55 54	SAO	.2 .3	-.8 .4			M5 G	2274	40329		DO 36593		3--	70.8	17.1
18 52 1.5	-16 35 23	SAO	.1 .2	-1.2 .2	-1.6 .2		M3	2275	-20527		UX SGR		C--	18.5	-8.2
18 52 7.3	+10 34 7	SAO	.2 .3	-1.1 .5			M5 II	2276	10384		V913 AQL		1--	42.8	4.2
18 52 12.0	+ 0 21 30	IRC	2.3 .4	-.5 .2			M5 I	5321S	392				C--	33.7	-.5
18 52 38.5	+ 1 37 43	SPC		-.8 .2	-2.4 .2	-3.4 .3		5543				EO	-S-	34.9	-.1
18 52 45.2	+36 50 3	SAO	-1.5 .3	-1.7 .3	-1.8 C		M4 II	2278	40331	7139	DEL2 LYR		4--	66.9	15.3
18 52 55.0	+42 27 52	SAO	1.4 .3	-1.8 .5			M5	2279	40332		DO 36611		2--	72.4	17.4
18 53 3.4	+ 2 16 38	SPC			-2.3 .2	-3.9 .3		5544					-?-	35.5	.1
18 53 10.3	+ 0 17 51	SPC		-1.0 .2	-1.7 .2		M4	5545	393				-S-	33.7	-.8
18 53 12.0	-11 2 54	IRC	1.2 .3				K7	2280	-10477		BB SCT		1--	23.6	-6.0
18 53 45.5	-10 35 29	SAO	.4 .3	-.4 .2	-1.6 .2		M5	2282	-10479		RW SCT		C--	24.1	-5.9
18 53 47.0	+ 7 51 6	AGL		-1.7 .4	-4.4 .4			2284			SHARP. 76		2--	40.5	2.6
18 53 48.7	+43 52 45	SAO	-2.3 .3	-2.5 .3	-2.5 .4		M5 III	2285	40334	7157	R LYR		4--	73.8	17.8
18 53 52.2	+ 2 19 58	SPC		.1 .2	-2.7 .2	-4.5 .3		5546			IR35.6-0.0	E?	-S-	35.6	-.0
18 53 59.0	+30 5 24	IRC	1.0 .3	-1.0 .4			M9	4241	30347				2--	60.7	12.4
18 54 44.8	-21 10 27	SAO	.6 .3	-.4 .2			K1 G	2286	-20530	7150	XI2 SGR		C--	14.6	-10.8
18 54 59.0	+ 0 23 6	IRC	1.6 .4	-.1 .2			M2 IA	5327S	398		UW AQL		1--	34.0	-1.2
18 55 8.4	+ 3 22 49	AGL	.4 C	-.4 .2				2287					C--	36.7	.2
18 55 33.2	+ 1 32 45	SPC		-.7 .2	-3.3 .2	-4.4 .3		5547				EO	-2-	35.1	-.7
18 55 55.6	+ 4 35 47	EIC	.9 .3	-1.0 .2	-2.0 .2		M2 RED	2288	402		DO 5230		C--	37.9	.6
18 56 4.0	+ 6 38 50	KLM	.5 .3	-2.6 .3	-4.5 .4		M	2290					2--	39.7	1.5
18 56 4.0	-29 54 30	IRC	-.2 .3	-3.2 .2	-3.2 .2	-3.7 .3	M9	2289	-30398		V3953 SGR		C--	6.6	-14.7
18 56 7.0	+12 54 42	IRC	1.2 .3	-2.1 .4			M5	2291	10388		V490 AQL		1--	45.3	4.4
18 56 14.0	+14 17 30	IRC	1.0 .3				C5,3	2292	10389		UV AQL		1--	46.5	5.0
18 56 27.4	-19 20 53	SAO	.4 .3	-.6 .2			M2	2293	-20532		GC 26063		1--	16.5	-10.4
18 56 53.6	-24 5 56	SPC		-.2 .2	-2.7 .2	-2.9 .3		5548				E?	-S-	12.1	-12.5
18 56 59.4	+ 5 18 27	EIC	1.2 .3				M2 IA	2296	10391		V492 AQL		1--	38.6	.7
18 57 33.6	+ 3 56 18	SPC		-1.1 .2	-3.3 .2	-3.8 .3		5549				EO	-S-	37.5	-.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 57 51.5	+22 44 37	SAO	.8 .3				M4 IIIAB	2297	20382	7183	DO 17275		1--	54.3	8.4
18 57 53.0	+ 3 41 13	AGL		-.9 .2	-3.6 .2	-4.8 .3		2298					C--	37.3	-.3
18 58 30.1	-37 2 4	SPC		-1.4 .2	-3.4 .2	-4.4 .3	F0E	5550			T CRA	NGC 6729 ED	-S-	359.9	-17.9
18 58 39.0	-12 49 54	IRC	.9 .3	-.4 .2	-1.8 .2		S6,4E	2300	-10482		ST SGR		2--	22.6	-8.0
18 58 40.7	+40 36 46	SAO	.8 .3				M4 IIIA	2301	40336	7201	DO 17295		3--	71.0	15.7
18 59 .4	-24 23 44	SPC		-.1 .2	-2.5 .2	-3.1 .3		5551					-S-	12.0	-13.0
18 59 .6	- 5 48 40	SAO	1.0 .3	-.0 .2			K1 III	2302	-10483	7193	12 AQL		2--	29.0	-4.9
18 59 14.0	+ 4 7 42	AGL			-3.8 .4	-6.3 .6		2303					2--	37.8	-.4
18 59 20.0	+ 1 8 39	AGL		-2.2 .2	-5.0 .2	-6.7 .3		2304			W 48	ED	C--	35.2	-1.8
18 59 35.6	-39 47 50	SPC		-4.7 .2	-4.7 .2	-4.9 .3		5552	-30434E		RS CRA	E?	-S-	357.3	-19.0
18 59 49.0	+ 1 26 19	EIC	1.6 .5	.4 C			M8	5331S	407				1--	35.5	-1.7
18 59 57.0	+ 4 57 6	AGL			-3.6 .4			4242					1--	38.7	-.1
19 0 9.0	+22 45 30	AGL	1.5 .3		-2.3 .4		M6	2306S			DO 17313		1--	54.6	7.9
19 0 14.3	+ 8 22 53	EIC	1.0 .3				M6EP	2305	10399		DO 5287		1--	41.7	1.4
19 0 40.0	+57 45 12	IRC			-2.8 .4		M5	4243	60260		DO 36779		1--	88.1	21.4
19 0 40.0	+20 39 0	IRC	1.6 .3				M5	2308	20384		DO 17325		2--	52.7	6.9
19 0 43.1	-22 47 11	SAO	-.7 .3	-1.4 .2	-2.1 .2	-2.4 .3	M6 G	2309	-20534		SU SGR		C--	13.7	-12.7
19 0 44.3	-38 26 52	SPC		-2.2 .2	-3.2 .2	-2.6 .3		5553	-30436E				-S-	358.7	-18.8
19 0 50.0	+12 10 41	SAO	1.2 .3				S5	2312	10400		V915 AQL		2--	45.2	3.0
19 0 52.8	+ 7 26 16	EIC	-.5 .3	-2.3 .4	-3.1 .5	-6.3 .6	C	2310	10401				2--	41.0	.8
19 1 41.2	-21 49 0	SAO	1.4 .3				G8 G	5333S	-20536	7217	OMI SGR		1--	14.7	-12.5
19 1 43.9	- 5 45 38	SAO	-.9 .2	-1.6 .2	-1.9 .2		C5,4	2314	-10486	7220	V AQL		C2-	29.3	-5.5
19 1 58.0	-13 50 12	AGL	1.5 .3					2315					1--	22.1	-9.1
19 2 56.9	+20 17 25	JCG	1.3 .3	-1.5 .4			C	2318					2--	52.6	6.3
19 2 57.0	+ 8 7 51	JCG	1.6 .4	-1.6 .3	-1.9 W		C	2316					1--	41.8	.7
19 3 2.5	+30 39 25	SAO	1.2 .4				M3 IIIAB	2317	30354	7238	DO 17382		3--	62.1	10.8
19 3 14.0	+27 3 6	IRC	.4 .2	-.8 .4			M5	2319	30355		DO 17384		2--	58.8	9.2
19 3 14.4	-46 4 16	SPC		-1.0 .2	-2.3 .2		MC	5554	-40284E		RX TEL		-2-	351.2	-21.7
19 3 24.0	+39 36 12	AGL		-.6 .3				2320					2--	70.4	14.5
19 3 47.0	+ 6 28 36	AGL	1.4 .3					2321					1--	40.4	-.3
19 3 49.1	-27 44 43	SAO	.7 .3	-.1 .2			K1 III	2323	-30401	7234	TAU SGR		1--	9.3	-15.4
19 3 57.7	+ 8 9 10	SAO	-1.4 .3	-2.4 .3	-3.5 .4		M6.5E	2324	10406	7243	R AQL		3--	42.0	.5
19 4 30.9	+ 7 4 21	EIC	.3 .3	-.8 .5	-3.4 .4		M6EP II	2326	10407		V844 AQL		2--	41.1	-.2
19 4 46.0	-17 6 24	IRC	.8 .3	-1.1 .2	-2.0 .2		M8E III	2327	-20538		FQ SGR		C--	19.4	-11.2
19 5 34.1	+ 6 13 38	EIC	-.2 .3	-.8 .4			M6	2329	10408		V347 AQL		1--	40.4	-.8
19 5 56.0	-22 19 12	IRC	1.2 .3	-2.4 .2	-3.2 .2	-2.9 .3	M8	2330	-20540		V3880 SGR		C--	14.7	-13.6
19 6 31.4	+39 4 27	SAO	.4 .3	-.8 .4			M6 G	2331	40338		V398 LYR		3--	70.2	13.7
19 7 20.3	-27 18 53	SPC		-.2 .2		-1.9 .3		5555					-S-	10.1	-15.9
19 7 30.0	+ 9 20 6	AGL		-1.6 .5	-3.2 .4			2333					2--	43.4	.2
19 7 54.0	+ 9 0 48	AGL	1.7 .4	-2.7 .3	-5.8 .4	-8.2 .6		2334			HFE 58		3--	43.2	-.0
19 8 .5	-15 9 39	SAO	1.1 .3				M3	2335	-20543		V3954 SGR		1--	21.5	-11.0
19 9 19.4	-32 56 29	SPC		-2.8 .2	-3.5 .2	-3.2 .3	M9	5556	-30404		V342 SGR		-S-	4.8	-18.4
19 9 29.0	+10 3 6	AGL		-1.2 .4				2337					3--	44.3	.1
19 9 33.2	-23 13 24	SPC		-1.0 .2	-1.5 .2			5557			V1256 SGR		-S-	14.2	-14.7
19 9 47.4	-15 3 27	SPC		-.0 .2				5558			EF SGR		-2-	21.8	-11.4
19 9 52.0	+66 1 7	SAO	.6 .3	-1.4 .4			M5 G	2338	70148		SZ DRA		3--	97.0	22.8
19 10 53.0	+10 48 6	LKV		-2.4 .3	-5.3 .4	-7.0 .6		2341			G45.1+0.1		3--	45.1	.2
19 11 23.9	+ 0 2 58	AGL		.1 .2	-4.1 .2	-5.0 .3		2343					C--	35.6	-4.9
19 11 47.0	+46 53 54	IRC	1.1 .3				M5E III	2346	50289		SS LYR		3--	78.0	16.0
19 11 58.0	+11 4 54	AGL		-2.0 .3	-4.5 .4	-6.7 .6	M	2345			G45.5+0.1	MULTIPLE ED	3--	45.5	.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
19 12 .5	+32 27 47	SAO	1.7 .3				M6	4244	30363		DO 17550		2--	64.6	9.9
19 12 32.8	+67 34 25	SAO	.7 .3	-.6 .2			G9 III	2348	70150	7310	DEL DRA		C--	98.7	23.0
19 12 41.7	- 7 8 8	SAO	-1.6 .2	-3.7 .2	-4.2 .2	-4.5 .3	S3,9E	2349	-10497		W AQL		C--	29.3	-8.5
19 12 50.0	+21 59 30	IRC	1.4 .4	-.6 C			M9	5352S	20390				1--	55.2	5.0
19 13 18.0	-33 35 44	SPC	1.2 C	-.7 .2			G0 EP	5559			RY SGR		-S-	4.4	-19.4
19 13 23.3	-17 3 55	CIO	.6 .3				S4.5E	4245	-20548		T SGR	EO	1--	20.3	-13.0
19 13 28.2	+30 26 16	SAO	1.4 .3				M1 IIIAB	2351	30364	7302	DO 17571		2--	62.9	8.7
19 13 30.9	+ 9 31 38	JCG	.8 .3	-2.5 .4	-3.2 .4		K7 III	2350					3--	44.3	-1.0
19 13 34.2	-35 51 0	SPC		.2 .2	-1.9 .2			5560					-S-	2.2	-20.3
19 13 45.0	+67 26 42	IRC	1.5 .3				M7	2356	70152				2--	98.6	22.8
19 13 45.8	-19 23 49	SAO	1.3 .3	-1.0 .2	-1.5 .2	-2.6 .3	M4.5E	2353	-20549		R SGR		1--	18.2	-14.1
19 13 47.0	+22 53 54	IRC	1.2 .4	-1.3 .4			M7	5356S	20392		DO 17576		1--	56.1	5.2
19 14 37.9	+38 2 37	SAO	1.4 .3	-.7 .4	-3.5 .5		K0 II	2357	40341	7314	THE LYR		2--	69.9	11.9
19 14 39.0	-20 47 36	AGL	-.1 .3					4246				EO	1--	17.0	-14.8
19 14 49.0	+21 50 0	IRC	.7 .3	-.5 .5			C4,4	2358	20393		CG VUL		1--	55.3	4.5
19 15 9.0	+11 50 54	AGL		-.6 .4	-3.5 .4	-6.4 .6	K5	2359			DO 5557		3--	46.5	-.3
19 15 22.0	+12 3 42	IRC	1.2 .3		-3.1 .5		M6EP	2360	10415		DO 5563		1--	46.7	-.2
19 15 46.5	-17 6 36	JCG	1.0 .3	-1.6 .2	-1.6 .2	-2.1 .3	M	2361					C--	20.5	-13.6
19 15 56.8	+53 16 32	SAO	1.5 .4				G9 III	5360S	50291	7328	KAP CYG		1--	84.4	17.9
19 16 8.0	+23 43 53	JCG	1.0 C	-1.3 .4	-3.1 .4		M	2362					2--	57.1	5.1
19 16 17.8	-16 0 3	SAO	.8 .3	.0 .2			C6	2363	-20554		V1942 SGR		C?-	21.6	-13.2
19 16 37.0	+ 3 18 42	IRC	1.5 .3				SE	2365	423		ER AQL		2--	39.1	-4.6
19 16 43.9	-21 3 22	SPC		-.3 .2	-1.4 .2		M5E	5561	-20555		Z SGR		-2-	16.9	-15.4
19 16 44.0	+49 5 6	AGL			-2.7 .4			4247					1--	80.4	16.1
19 17 21.0	+22 57 6	IRC	1.0 .3				M6	2367	20397		DO 17636		2--	56.6	4.5
19 17 24.2	+22 28 38	SAO	.1 .2	-.7 .5			M4	2366	20398		DO 17637		3--	56.1	4.3
19 17 35.4	- 8 7 51	EIC	-.8 .2	-2.3 .2	-2.8 .2	-3.6 .3	CE	2368	-10502				C--	29.0	-10.0
19 17 39.1	-10 39 17	SAO	.5 .3				M5 III	2369	-10503				1--	26.7	-11.2
19 17 50.8	-26 20 18	JCG	1.4 .4	-2.0 .2	-3.4 .2	-3.1 .3	M9	2370					C--	12.0	-17.7
19 18 13.0	+13 49 48	AGL		-1.2 .4	-3.9 .4			2371					3--	48.6	.0
19 18 51.8	-16 3 2	SAO	.9 .3	-1.2 .2	-1.3 .2		APEP	2373	-20558	7342	UPS SGR		C--	21.8	-13.8
19 19 13.2	+ 9 22 14	KLM	-.4 C	-1.6 .4	-2.9 .4		M	2374					3--	44.8	-2.3
19 19 21.0	+57 33 0	SAO	1.6 .4	-4.2 .3			M1 IIIAB	4248	60265	7356	DO 37158		1--	88.8	19.0
19 19 29.0	+17 34 30	IRC	-.2 .4	-1.8 .4			M6	2375	20399		T SGE		3--	52.0	1.5
19 20 9.0	+13 58 30	AGL	1.3 .4	-2.5 .4	-5.7 .5	-7.8 .6		2376			HFE 59	EO	3--	49.0	-.3
19 20 38.0	+14 23 0	AGL		-1.7 .3	-4.5 .4			2378					1--	49.4	-.2
19 20 44.0	+14 10 0	AGL		-2.1 .4	-4.6 .4	-6.5 .6		2379				EO	3--	49.2	-.4
19 20 55.0	+14 47 42	AGL		-1.4 .4	-3.1 .4			2380					3--	49.8	-.1
19 21 22.4	+14 25 15	WYO	1.7 .4	-3.6 .3	-6.9 .4	-8.8 .6		2381			HFE 60	EO	3--	49.5	-.4
19 22 19.3	-13 32 18	SAO	1.3 .3				M3	2382	-10511				1--	24.5	-13.5
19 23 14.2	+50 8 31	SAO	-1.4 .2	-2.9 .3	-3.5 .4		M7 IIIAB	2383	50294		CH CYG		3--	81.9	15.6
19 23 22.4	+76 27 42	SAO	-.1 .3	.2 .2	-.7 .2		C7,3	2384	80036		UX DRA		C24	108.3	24.6
19 24 2.0	+16 34 36	IRC	1.9 .4	.5 C			M9	5377S	20404				1--	51.7	.1
19 24 10.0	+36 5 8	SAO	1.5 .3		-2.9 .5		M6	2389	40347		DO 17754		3--	69.0	9.3
19 24 20.0	+71 35 42	IRC	1.5 .3	-1.0 .2	-1.4 .2		M7	2388	70156		YZ DRA		2-3	103.2	23.2
19 24 27.0	+11 15 3	CIO	.1 .2	-4.2 .3	-6.2 .4	-6.7 .6	F8 IA	2390	10420		V1302 AQL	EO	3--	47.1	-2.5
19 24 49.0	+ 6 57 36	LKR	.8 .3	-1.1 .3			C5-9E	2392					2--	43.3	-4.7
19 24 49.0	-17 22 24	IRC	.3 .3	-1.3 .2	-2.0 .2		M8	2391	-20563				C2-	21.2	-15.6
19 26 37.4	+24 33 45	SAO	.2 .3	.1 .6			M1 IIIB	2395	20407	7405	ALF VUL		2--	59.0	3.4
19 27 20.0	+45 56 12	IRC	1.1 .3	-.6 .4			C4,5	2396	50295		AW CYG		3--	78.2	13.2

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
19 27 39.8	+ 2 47 56	SAO	1.1 .3	-1.6 .5	-3.5 .5		K5	2398	437	7412	SVS 101849		2--	40.0	-7.3
19 27 40.2	- 0 56 28	EIC	.5 .3	-1.3 .3			CE	2400	438		V374 AQL		3--	36.6	-9.0
19 28 2.9	- 2 53 40	SAO	.5 .3	-3.2 .3	-1.0 .2		M1 IIIAB	2402	439	7414	36 AQL		3--	34.9	-10.0
19 28 5.0	+18 11 36	AGL		-1.4 .3	-3.2 .4			4249			SHARP. 82		2--	53.6	.0
19 28 18.0	+19 44 21	KLM	1.4 .3	-1.0 .4	-3.0 .4		M	2403			OH55.0+007		2--	54.9	.7
19 28 35.0	+48 53 42	IRC	1.2 .3				M6.5	2404	50296		DO 37347		3--	81.1	14.3
19 28 42.2	+27 51 12	SAO	-.1 .2	-.9 .4			K3 II	2406	30370	7417	BET CYG		3--	62.1	4.6
19 28 43.0	+46 2 32	SAO	-.2 .3	-1.0 .4			M6 G	2407	50297		AF CYG		2--	78.4	13.0
19 29 24.0	+18 36 48	AGL		-.9 .5	-3.2 .4			2408					3--	54.1	-.0
19 29 40.0	+43 31 42	IRC	.4 .3	-1.7 .4	-3.6 .5	-6.6 .6	M6	2409	40348		UV CYG		2--	76.2	11.7
19 30 3.0	+13 15 12	AGL			-2.7 .4			2410					1--	49.5	-2.8
19 30 39.4	+ 4 55 15	SAO	.5 .3		-2.8 .6		M5 III	2412	443		V1293 AQL		1--	42.2	-6.9
19 30 42.8	+13 38 14	CIO	2.4 C	-1.8 .3	-2.7 .4			2413			V1137 AQL		2--	49.9	-2.7
19 31 9.0	+23 32 36	IRC	.5 .3	-1.5 .4			S8,7	2414	20413		EP VUL		2--	58.6	2.0
19 31 18.0	+ 5 21 24	SAO	-.3 .2				M5 III	2415	10428		V450 AQL		2--	42.7	-6.8
19 31 27.1	-16 29 2	SAO	.1 .3	-.2 .2			C7	2416	-20568		AQ SGR		C--	22.7	-16.7
19 31 38.7	+ 7 16 17	SAO	1.5 .4				K3 IIIB	5396S	10430	7429	MUU AQL		1--	44.4	-6.0
19 32 12.0	+27 57 0	IRC	-.4 .3	-2.8 .3	-3.4 .4		C	2417	30374		V1129 CYG		3--	62.6	3.9
19 32 18.9	+49 9 10	SAO	.4 .3				M5 IIIAS	2418	50300	7442	DO 37447		3--	81.6	13.8
19 32 47.6	+30 24 20	WYO		-1.3 .5	-3.6 .5	-3.6 C		4251			BD+30 3639	PLAN. NEB	3--	64.8	5.0
19 33 3.2	+33 41 4	SAO	1.3 .3				M4	2420	30376		GC 27069		2--	67.7	6.6
19 33 58.3	-13 3 35	SPC			-2.8 .2	-2.6 .3		5562					-S-	26.2	-15.8
19 34 37.8	-13 8 41	SPC		.3 .2	-2.9 .2	-2.6 .3		5563					-S-	26.2	-16.0
19 35 28.7	+50 5 11	SAO	.8 .3	-1.1 .3	-2.9 .4		S3,9E	2422	50301		R CYG		2--	82.7	13.8
19 35 35.9	+69 41 34	SAO	.4 .3	-.5 .2	-3.7 .4		M5 G	2424	70159		DO 37579		4--	101.5	21.7
19 35 43.0	+11 36 30	IRC	.3 .3	-1.4 .3			M7E III	2423	10433		RT AQL		3--	48.7	-4.8
19 36 8.7	-16 58 50	GH	1.6 .3	-.2 .2	-1.8 .2	-2.3 .3	M10 III	2425			SVS 4755		C--	22.7	-17.9
19 36 59.0	+28 23 42	IRC	.3 .3	-.9 .4			M8E III	2426	30379		BG CYG		2--	63.5	3.2
19 38 7.6	+33 15 27	JCG	1.1 .3	-1.0 .4	-.4 W		C3	2428					2--	67.8	5.4
19 38 29.0	+43 47 0	IRC	1.2 .3				M7E III	2429	40355		V462 CYG		3--	77.2	10.4
19 38 29.6	- 4 2 11	SAO	.8 .3				M6	2430	448		DO 6039		2--	35.1	-12.8
19 38 48.1	+17 21 32	SAO	1.0 .3	-.5 .4			G9 IIIAP	2434	20427	7488	BET SGE		1--	54.1	-2.6
19 38 58.0	+39 56 12	AGL	1.7 .4	-2.1 .4	-2.2 .6			2433					2--	73.8	8.5
19 39 1.9	+32 30 2	SAO	1.0 .3	.8 C			C5,4	2432	30382		TT CYG		2--	67.3	4.9
19 39 3.9	+42 57 37	SAO	1.2 .3				M2.5 G	2435	40356	7492	DO 37608		2--	76.5	10.0
19 39 14.3	-43 29 33	SPC			-2.1 .2	-1.1 .3		5564					-S-	355.8	-27.2
19 39 21.7	-43 55 34	SPC		-.3 .2	-2.8 .2	-4.0 .3		5565				EO	-S-	355.3	-27.3
19 39 28.0	+48 40 42	IRC	1.8 .4	-.4 .3			M8	2436	50304		V391 CYG		2--	81.7	12.6
19 40 57.8	+55 20 40	SAO	.2 .3	-.9 .4			M5 IIIA	2439	60269	7509	V1351 CYG		3--	87.9	15.4
19 41 7.0	- 0 4 30	AGL		-1.4 .4	-3.9 .4			4252					1--	39.0	-11.6
19 41 15.2	+ 3 37 16	EIC	1.2 .3	-1.8 .3	-1.9 C		M9	2440	450				3--	42.3	-9.9
19 41 42.0	+34 22 6	IRC	1.2 .3	-1.1 .3			M6.5 III	2443	30385		IN CYG		2--	69.2	5.3
19 41 47.9	-50 29 58	SPC		-.2 .2	-2.4 .2			5566					-S-	348.0	-29.0
19 42 15.7	+35 6 52	JCG	1.3 .3	-1.8 .4	-3.2 .4		M	2445					3--	69.9	5.6
19 42 45.4	+34 17 32	SAO	.6 .3				M4	2446	30388	7520	SVS 101884		2--	69.2	5.1
19 43 7.0	+19 46 30	AGL		-1.1 .4				2448					2--	56.7	-2.3
19 43 7.1	+40 35 42	SAO	1.2 .3				M3 IIIAP	2450	40362	7523	V973 CYG		2--	74.8	8.1
19 43 44.0	+30 8 3	SAO	1.2 .4	-1.2 .5			M4 III	5426S	30391		DO 18133		2--	65.7	2.8
19 43 44.8	+ 1 34 4	EIC	1.0 .3	.5 C	-3.1 .5		M7	2452	451		DZ AQL		2--	40.8	-11.4
19 43 52.9	+10 29 24	SAO	-.8 .3	-1.1 .4	-1.1 C		K3 II	2453	10439	7525	GAM AQL		3--	48.7	-7.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
19 44 10.0	+24 27 18	AGL		-1.7 .3	-4.2 .4			2454			SHARP. 87		3--	60.9	-.1
19 44 22.6	-49 24 31	SPC			-2.2 .2	-6.9 .3		5567					EO -S-	349.4	-29.2
19 44 41.0	+25 5 12	AGL		-2.4 .3	-5.2 .4	-6.9 .6		2455			SHARP. 88B		4--	61.5	.1
19 45 9.4	+18 24 35	SAO	-1.1 .3	-1.3 .4			M2 II	2456	20433	7536	DEL SGE		3--	55.8	-3.4
19 45 31.7	+ 9 20 39	UCS	1.7 .4	-1.1 .3				4253					2--	47.9	-8.0
19 45 59.1	+47 46 59	SAO	1.5 .3				M2 IIIA	2459	50309	7547	DO 37751		2--	81.4	11.2
19 46 7.1	+ 3 34 17	EIC	1.1 .4				M6 G	2458	453		WX AQL		2--	42.9	-10.8
19 47 10.0	+26 43 0	AGL		-1.5 .4	-3.5 .4			2460			SHARP. 90		4--	63.2	.4
19 47 24.4	- 7 44 32	EIC	-.7 .3	-3.1 .2	-3.8 .2	-3.7 .3	M6E III	2461	-10524		GY AQL		C--	32.7	-16.5
19 48 4.8	+24 49 31	CIO	1.1 .3	-1.6 .4	-2.0 C		M1 IA	2462	20438		NR VUL		3--	61.6	-.7
19 48 20.6	+ 8 44 6	SAO	.2 .3	0.0 C	-.2 C		A7 IV	2463	10441	7557	ALF AQL		2--	47.7	-8.9
19 48 21.1	+70 8 27	SAO	1.1 .4				G7 IIIBP	2464	70160	7582	EPS DRA		4--	102.4	20.8
19 48 38.5	+32 47 12	SAO	-2.8 .2	-3.9 .4	-4.5 .4		S7,2E	2465	30395	7564	CHI CYG		4--	68.5	3.3
19 48 47.6	+38 35 34	SAO	.2 .2	-.6 .4			M2 IIIA	2466	40364	7566	19 CYG		2--	73.6	6.2
19 48 59.0	+37 41 52	SAO	.4 .3				M4 IIB	2467	40365	7568	GC 27498		2--	72.8	5.7
19 49 33.1	+ 8 35 8	LKR	1.6 C	-1.1 C				5000			825-2650		---	47.8	-9.2
19 49 55.5	-17 11 56	SPC			-2.3 .2	-3.9 .3		5568					-S-	23.9	-21.0
19 50 20.6	+22 19 25	CIO	-.8 .3	-2.1 .3	-3.6 .4		A2+M7 III	2471	20439		NS VUL		3--	59.8	-2.4
19 52 18.9	+49 27 50	SAO	1.2 .3	0.0 .5	-2.9 .5		M5	2472	50311		DO 37860		2--	83.4	11.1
19 52 49.2	-29 19 47	SPC		-.9 .2	-1.7 .2		M6E	5569	-30419		RR SGR		-2-	11.8	-26.0
19 52 51.4	+ 6 16 50	SAO	2.0 .4				G8 IV	5442S	10444	7602	BET AQL		1--	46.1	-11.1
19 53 5.0	+27 4 12	AGL		-1.3 .4	-2.9 .4			4256			SHARP. 93		2--	64.1	-.5
19 53 46.0	+22 14 6	AGL	.8 .3	-.1 C				2474					---	60.1	-3.2
19 54 25.7	+34 56 58	SAO	.9 .3				K0 III	2475	30401	7615	ETA CYG		1--	71.0	3.4
19 54 49.2	+30 35 54	UCG	3.0 C	-1.2 .4	-3.0 .4			2477					3--	67.3	1.0
19 54 58.2	+58 42 43	SAO	1.0 .3				K5 II	2476	60274	7633	DO 37910		4--	91.9	15.2
19 55 .1	- 2 1 17	EIC	-.6 .2	-2.7 .3	-3.3 .5		M7E III	2479	458		RR AQL		3--	38.9	-15.6
19 55 32.0	+39 41 24	AGL	2.8 C	-.8 .4	-1.0 C			5447S			V1016 CYG		1--	75.2	5.6
19 55 36.0	+44 7 54	IRC	.7 .3				C4,5	2480	40368		AX CYG		3--	79.0	7.9
19 55 55.0	- 3 41 24	SAO	1.2 .3		-3.3 .4		K5	2481	459		GC 27659		2--	37.5	-16.5
19 55 56.0	+33 0 18	AGL	1.3 .2	-1.2 .5			C	2482			KL CYG		2--	69.5	2.3
19 56 16.0	+15 52 30	IRC	1.0 .3				M6	2484	20444		V429 AQL		2--	54.9	-7.0
19 56 31.9	+19 21 19	SAO	-.4 .2	-1.0 .4	-2.8 .5		M0 III	2485	20445	7635	GAM SGE		2--	58.0	-5.2
19 57 47.0	+ 1 11 48	AGL			-3.2 .4			4257					1--	42.2	-14.6
19 57 47.7	+17 22 43	SAO	0.0 .2	-1.3 .4			M4 IIIA	2486	20446	7645	13 SGE		2--	56.4	-6.5
19 58 15.7	-34 20 3	SPC		-1.3 .2	-3.6 .2	-3.7 .3		5570					EO -?-	6.8	-28.5
19 58 34.4	+52 0 42	SAO	.1 .3	-.3 .4			M6	2490	50312		SVS 101929		3--	86.2	11.5
19 58 36.0	+ 1 14 54	AGL			-3.2 .4			4258					1--	42.3	-14.8
19 58 39.0	+36 38 12	IRC	1.7 .4	-1.1 .4	-2.5 .5		M10 III	2488	40371		V1511 CYG		3--	72.9	3.5
19 58 40.0	+36 59 28	SAO	1.4 .3				M5	2491	40370		DO 18446		2--	73.2	3.7
19 59 8.0	+33 2 0	AGL			-3.6 .4			2492					3--	69.0	1.5
19 59 20.0	+33 47 19	SAO	1.0 .3				M5 III	2493	30406		V485 CYG		2--	70.6	1.9
19 59 24.8	+40 47 18	UCG	.7 .3	-2.9 .3	-3.6 .4		C	2494					3--	76.5	5.6
19 59 36.3	-40 39 16	SPC		-.3 .2	-2.5 .2	-2.9 .3		5571					-S-	359.8	-30.3
19 59 38.6	-27 50 51	SPC		-1.3 .2			M4 G	5572	-30423	7650	62 SGR	V3872 SGR	-S-	13.9	-26.9
19 59 46.0	-40 27 33	SPC		-.6 .2	-2.4 .2	-3.3 .3		5573					-S-	.1	-30.3
19 59 55.0	+33 22 24	IRC	1.7 .4	-2.8 .3	-5.5 .4	-7.4 .6	M8	2495	30407		NGC 6857	PLAN. NEB	4--	70.3	1.6
20 0 55.0	+30 11 42	AGL		-1.1 .4			M5	2498			V718 CYG		3--	67.7	-.3
20 0 57.0	+64 40 51	SAO	.8 .3				M1 III	2497	60278	7676	64 DRA		4--	97.8	17.4
20 1 2.4	+76 20 34	SAO	1.4 .3	-.2 .2			M3 III	2496	80038	7686	69 DRA		2--	108.9	22.5

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
20 1 5.9	-32 59 2	SPC			-2.0 .2	-3.1 .3		5574					-S-	8.5	-28.7
20 1 38.0	+30 19 54	IRC	1.1 .3	-1.8 .4	-3.3 .6		M4 RED	2500	30409		V719 CYG		3--	67.9	-.4
20 2 35.9	+67 43 51	SAO	1.4 .3		-3.5 .4		K3 III	2501	70161	7685	RHO DRA		3--	100.7	18.6
20 2 36.6	+36 40 26	SAO	.3 .3	-.9 .4			S7,5	2503	40380		AA CYG		2--	73.4	2.9
20 2 37.0	+40 18 6	IRC	1.1 .3	.4 C			M6.5	2502	40379		GN CYG		2--	76.4	4.8
20 2 53.0	+20 30 0	IRC	1.0 .3				C6,4	2504	20452		X SGE		2--	59.7	-5.9
20 2 55.1	-44 1 11	SPC		-.9 .2	-3.3 .2	-3.7 .3		5575			IC 4946	EO	-S-	356.1	-31.5
20 3 8.4	+15 21 23	SAO	1.1 .4				M2 III	2505	20454	7680	GC 27872		2--	55.4	-8.6
20 3 16.7	-40 21 25	SPC		-.6 .2	-1.8 .2	-1.5 .3		5576					-S-	.3	-30.9
20 3 43.8	+25 27 24	SAO	1.1 .3				M3 IB	2507	30412		DO 18551		2--	64.0	-3.4
20 3 45.4	+51 41 43	SAO	1.6 .3	-1.0 .6			M2 IIIA	2506	50315	7687	DO 38060		2--	86.3	10.6
20 3 51.9	-27 22 9	SAO	-1.7 .3	-2.5 .2	-3.1 .2	-2.9 .3	M8	2508	-30425		V1943 SGR		C--	14.8	-27.7
20 3 56.7	-40 40 51	SPC		-.7 .2	-2.1 .2			5577					-S-	360.0	-31.1
20 4 12.0	+66 19 12	AGL			-3.1 .4			2509					2--	99.5	17.9
20 4 15.1	-42 40 47	SPC		-1.4 .2	-2.7 .2	-2.4 .3		5578	-40298E		SVS 5013		-S-	357.7	-31.5
20 4 21.0	+26 51 18	AGL		-1.6 .4	-3.4 .5			4259					2--	65.3	-2.7
20 4 45.8	-44 26 9	SPC		-1.6 .2	-1.8 .2			5579					-S-	355.7	-31.9
20 5 15.0	+ 5 54 27	EIC	1.1 .3	-.9 .4			M9	2511	10451				2--	47.4	-13.9
20 5 16.7	-44 14 44	SPC			-2.9 .2	-3.0 .3		5580				E?	-S-	355.9	-31.9
20 6 11.0	+56 50 24	IRC	1.6 .3	.4 C			M5	2512	60280		V555 CYG		2--	91.0	13.0
20 7 15.0	+31 16 52	JCG	.3 .3	-2.2 .3	-3.4 .4		C	2513					3--	69.4	-.9
20 7 47.7	- 6 25 9	EIC	-.8 .4	-3.7 .3	-5.3 .4		M	2514	-10529		V1300 AQL		2--	36.4	-20.4
20 7 54.3	- 1 46 36	SAO	.3 .3				M7	2515	467		V584 AQL		2--	40.7	-18.3
20 7 58.7	+47 43 25	CIO	1.2 .4				C7,4	2516	50316		SV CYG		3--	83.3	8.0
20 8 1.0	+26 8 30	IRC	1.2 .3				M5E III	2517	30415		W VUL		2--	65.1	-3.8
20 8 39.0	+33 18 30	IRC	1.4 .4	-.1 C			M6	5476S	30417				1--	71.2	.0
20 9 14.0	+35 58 6	IRC	1.1 .3	1.1 C	-3.2 .4		M7	2519	40393		V1487 CYG		1--	73.5	1.4
20 9 29.3	-11 21 21	SAO	.7 .3	-.6 .2	-1.8 .2		M6	2520	-10530				2--	31.8	-23.0
20 10 1.0	- 0 33 18	AGL			-3.3 .4			4260			V515 AQL		1--	42.1	-18.2
20 10 30.2	- 0 28 56	SAO	1.5 .3				M0	2522	468		DO 6553		1--	42.3	-18.2
20 10 38.9	- 1 9 38	SAO	1.3 .3				K5 G	2523	469	7720	66 AQL		2--	41.6	-18.6
20 11 21.3	+49 17 56	SAO	.1 .3	-1.2 .3	-3.0 .5		M7 III	2526	50318		AC CYG		4--	84.9	8.4
20 11 34.5	+38 34 36	SAO	.6 .3	.6 C			C8,2E	2528	40397		RS CYG		2--	75.9	2.4
20 11 51.0	- 0 9 29	EIC	1.8 .4	-.9 .4	-3.9 .4	-6.3 .7	M5	4261	470		SVS 8460		2--	42.7	-18.4
20 12 3.3	+46 35 20	SAO	.2 .3	-.6 .4			K2 II	2531	50320	7735	OMI1 CYG		3--	82.7	6.8
20 12 4.8	-44 19 52	SPC		-1.2 .2	-3.2 .2	-3.7 .3		5581				EO	-S-	356.0	-33.1
20 12 8.0	+39 14 42	IRC	1.3 .3				M7	2533	40400				1--	76.5	2.7
20 12 19.9	- 4 43 50	SAO	1.3 .3				M8	2532	472				1--	38.5	-20.6
20 12 26.0	+26 16 48	AGL	.8 .3					2534					1--	65.8	-4.6
20 12 26.1	+66 5 36	SAO	.3 .3	-1.0 .4			M7	2535	70163		DO 38210		4--	99.7	17.0
20 12 38.1	-44 12 39	SPC		-1.5 .2	-3.3 .2	-3.4 .3		5582				EO	-S-	356.2	-33.2
20 13 17.9	-44 5 41	SPC		-1.9 .2	-3.5 .2	-3.7 .3		5583				EO	-?-	356.3	-33.3
20 13 20.5	+23 21 17	SAO	1.1 .3				G3P IB	2541	20461	7741	22 VUL		1--	63.5	-6.4
20 13 27.2	+ 7 30 58	SAO	.5 .3	-.9 .4			M7	2537	10461		DO 6597	EO	1--	49.9	-14.9
20 13 36.2	+30 55 4	CIO	1.4 .3				M7E III	2538	30423		SX CYG		2--	69.8	-2.2
20 13 55.5	+47 33 36	SAO	0.0 .3				K3 IB	2540	50322	7751	OMI2 CYG		2--	83.7	7.0
20 14 5.0	-21 28 30	IRC	0.0 .3	-.9 .2			C6	2542	-20585		RT CAP		C--	21.9	-27.9
20 15 8.4	+40 12 34	SAO	.9 .3				K3.5 II	2544	40401	7759	SVS 101975		1--	77.7	2.8
20 15 48.1	+74 58 52	SPC			-1.5 .2			5584					--3	108.0	21.1
20 15 58.0	+33 56 2	SAO	.7 .3		-3.0 .6		M5	2547	30425		DO 18825		2--	72.6	-.9

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
20 16 7.5	-16 0 53	SAO	1.3 .3	-.4 .2	-1.7 .2		M4	4262	-20586		AE CAP		1--	27.8	-26.3
20 16 10.0	+39 12 30	AGL		-1.5 .3	-2.8 .4			2549					2--	77.0	2.0
20 16 32.6	-50 52 46	SPC		-.9 .2	-1.6 .2		MC	5585			Y TEL		-2-	348.2	-34.5
20 16 35.0	+34 13 24	IRC	.4 .3	-1.5 .4			M6-7E III	2550	30426		AU CYG		3--	72.9	-.9
20 17 7.0	- 7 42 48	AGL	1.1 .3					2552					1--	36.2	-23.1
20 17 24.0	+66 51 12	IRC	1.3 .5	.7 C			M5	2551	70165		DO 38292		2--	100.6	17.0
20 17 33.0	+40 48 18	AGL	1.7 .4	-1.4 .4	-4.2 .4	-5.5 .7		2554				EO	3--	78.4	2.7
20 18 3.2	+47 44 10	SAO	.4 .3	-1.1 .3	-1.5 C		C8,2E	2556	50324		U CYG		3--	84.2	6.6
20 18 12.2	-14 56 27	SAO	.8 .3				K0+B G	2555	-10537	7776	BET CAP		2--	29.1	-26.4
20 18 42.0	+39 31 12	AGL		-1.6 .4	-3.0 .5			4263					2--	77.5	1.8
20 18 45.0	+41 11 52	KLM	1.9 C	-1.3 .4	-1.7 C			2557			LKHA 225		3--	78.9	2.8
20 19 17.5	+35 27 35	CIO	1.2 .3	-.3 .4	-1.2 C		M3 IAB	2558	40406		DO 18895		2--	74.2	-.6
20 19 38.5	+36 45 57	CIO	.1 .2	-2.4 .4	-3.5 .4		M4 IAB	2559	40408		BI CYG		4--	75.3	.1
20 19 46.6	+37 22 22	CIO	-.3 .2	-2.9 .4	-5.5 .5	-6.9 .6	M4 IA	2560	40409		BC CYG		4--	75.8	.4
20 19 48.8	+40 17 13	SAO	.4 .3				M6	2561	40410		V405 CYG		3--	78.2	2.1
20 19 53.2	+68 43 14	SAO	.1 .4	-.8 .4			M5 IIIA	2562	70166	7804	AC DRA		3--	102.4	17.7
20 20 9.0	+39 46 6	AGL		-.8 .4	-3.0 .5	-6.4 .6		4264					3--	77.8	1.7
20 20 9.4	+16 45 21	SAO	.8 .3				M7	2563	20464		DO 18920		1--	58.8	-11.3
20 20 29.0	+63 49 11	SAO	1.4 .3				K5 G	2566	60286	7805	GC 28340		2--	98.1	15.1
20 20 35.0	+40 5 30	AGL	.3 .3	-1.6 .5	-4.0 .4	-6.5 .7	F8 IB	2565	40411	7796	GAM CYG		5--	78.2	1.8
20 20 44.9	- 0 36 51	SAO	1.7 .3	-.9 .4			M4	2567	473		DO 6708		2--	43.4	-20.5
20 20 55.6	+51 50 32	SAO	1.6 .3		-3.9 .5		M9	2569	50326		V365 CYG		2--	87.9	8.5
20 21 21.3	+ 0 46 59	EIC	1.1 .3				S7,2	2568	474		V865 AQL		1--	44.8	-20.0
20 21 31.0	+62 43 42	IRC	1.2 .4	-.4 C			M9	2570	60288				4--	97.2	14.4
20 21 51.7	+32 1 40	SAO	1.1 .3	-.8 .4			K3 III	2571	30430	7806	39 CYG		1--	71.7	-3.0
20 23 26.5	-14 1 50	SPC		-1.3 .2	-2.2 .2	-2.6 .3		5586					-S-	30.7	-27.2
20 24 1.0	- 2 12 42	AGL	1.3 .3					2574					1--	42.4	-22.0
20 24 7.0	+38 11 0	IRC	-.4 .2	-2.6 .4	-3.9 .4		M3 IA	2575	40415		KY CYG		5--	77.0	.2
20 24 53.6	-28 26 17	SPC		-3.1 .2	-3.1 .2	-3.3 .3	M6E	5587	-30430		T MIC		-S-	15.2	-32.4
20 24 53.9	+75 5 22	SAO	-.1 .3	-1.4 .2	-2.5 .2	-2.6 .3	M8 G	2581	80040		UU DRA		C22	108.5	20.6
20 25 6.9	- 5 49 13	SAO	1.1 .3		-2.4 .6		M8	2577	-10539				2--	39.1	-24.0
20 25 13.9	+36 23 18	CIO	1.2 .3				S4.6	2580	40418		V441 CYG		3--	75.7	-1.1
20 25 17.0	+39 15 30	AGL		-1.7 .4	-4.1 .5	-6.1 .7		2578					4--	78.0	.6
20 25 19.0	+39 53 6	AGL		-1.2 .5	-3.1 .7			2579			V1324 CYG		3--	78.5	1.0
20 25 25.0	+55 34 54	IRC	1.3 .3				M6	2582	60291		V372 CYG		2--	91.4	10.1
20 25 34.6	+37 12 53	WYO	1.6 .4	-2.5 .4	-5.9 .4	-7.3 .5		2584			SHARP, 106		5--	76.4	-.6
20 25 36.0	+40 55 0	IRC	1.1 .3	-.7 .4	-.6 C		M8E III	2583	40420		KZ CYG		3--	79.4	1.5
20 25 52.9	-40 37 0	SPC		-.8 .2	-1.7 .2		M6E	5588	-40301E		U MIC		-S-	.9	-35.2
20 26 29.0	+40 42 30	AGL		-1.9 .4	-4.4 .4			2586					4--	79.3	1.3
20 26 36.1	+37 37 21	SAO	1.2 .3				M4	2585	40422		SVS 103001		3--	76.8	-.5
20 26 51.2	+16 6 22	SAO	.1 .3	-.9 .4	-.7 C		M8 III	2588	20470		RS DEL		1--	59.2	-13.0
20 27 1.4	+39 48 52	CIO	-.1 .3	-2.4 .3	-3.6 .5	-6.2 .6	M3 IA	2590	40424		RW CYG		5--	78.7	.7
20 27 1.8	+ 9 43 49	SAO	.7 .3	.1 C	-.4 C	-6.4 .6	M7	2589	10470		CT DEL		1--	53.7	-16.6
20 27 35.9	+40 1 5	LKV	.5 .3	-2.6 .3	-4.7 .4	-6.7 .6		2591					5--	78.9	.7
20 27 40.2	- 4 55 23	SAO	.7 .3	-.8 .4			M6 G	2592	477		TZ AQL		2--	40.2	-24.1
20 27 42.0	+38 50 18	AGL		-1.4 .4	-4.2 .4			2593			W 69		4--	77.9	-.0
20 29 36.4	+32 23 40	SAO	.9 .3				S5,8	2597	30437		AD CYG		2--	73.0	-4.1
20 29 41.0	+40 29 6	IRC	1.5 .3		-3.6 .5		M2 I	2600	40427				2--	79.5	.7
20 29 46.1	+49 3 3	SAO	1.2 .3				M2 IIIAB	2598	50331	7851	OME2 CYG		2--	86.4	5.7
20 29 46.4	+39 42 36	SAO	1.5 .4				M5	2596	40428		DO 19093		3--	78.9	.2

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
20 29 59.0	+38 48 0	AGL		-.7 .4	-3.1 .5	-5.8 .7		4267					3--	78.2	-.4
20 30 14.0	+35 17 12	IRC	1.1 .3	-.8 .4	-3.1 .4		M7	2601	40429		V397 CYG		3--	75.4	-2.5
20 30 31.0	+62 46 36	IRC	1.6 .3		-3.5 .6		M7 III	2599	60292		BF CEP		2--	97.8	13.6
20 30 46.4	+40 5 48	KLM		-2.4 .3	-4.9 .4	-7.3 .6		2602			G79.3+ 0.3		5--	79.3	.3
20 30 57.3	+40 29 32	LSK	1.5 .3	-2.0 .4	-2.7 C	-2.9 C		2603			MWC 349		3--	79.6	.5
20 31 7.0	+40 35 6	IRC	.3 .3	-1.6 .3			M2	2605	40431				3--	79.7	.5
20 31 9.1	+42 22 43	JCG	1.3 .3	-1.3 .3			C	2604			W 72		2--	81.2	1.6
20 31 46.0	+54 17 7	SAO	1.1 .3				M3	2606	50333		DO 38576		2--	90.9	8.6
20 31 50.0	+38 30 0	IRC	1.0 .3	-.7 .4			M3	2607	40432				3--	78.2	-.9
20 31 57.4	+35 4 43	SAO	.5 .3				K4 IB	2608	40433	7866	47 CYG		3--	75.4	-2.9
20 32 14.0	+42 15 12	IRC	.3 .3	-2.0 .5	-2.7 .5		M4	2609	40434		DO 38592		3--	81.2	1.3
20 32 19.0	- 7 37 6	IRC	1.0 .3				M6	2610	-10541				2--	38.2	-26.4
20 33 32.0	+41 4 18	AGL	2.0 C	-1.2 .3	-3.3 .5			2612			VI CYG #12		2--	80.4	.4
20 33 49.0	- 8 44 18	AGL			-3.3 .4			4268					1--	37.3	-27.2
20 34 4.4	+53 38 57	GH	1.2 .3	-.6 .5	-.7 C		C	2613					3--	90.5	7.9
20 34 7.4	- 2 43 27	SAO	.7 .3				K4 III	2614	483	7873	70 AQL		2--	43.2	-24.5
20 35 0.0	+41 24 54	AGL		-1.3 .3	-3.7 .4			2616					2--	80.8	.4
20 35 3.0	+37 42 6	IRC	1.1 .3	-1.3 .4			M9	2617	40435				3--	77.9	-1.8
20 35 37.7	+18 5 30	SAO	-1.4 .3	-1.8 .3	-1.8 C		M6 IIIP	2618	20474	7886	EU DEL		2--	62.1	-13.6
20 35 55.2	-38 7 15	SPC		-.8 .2	-1.5 .2	-1.6 .3		5589	-30474E		SVS 5233	ISS 116	-2-	4.3	-36.7
20 36 31.0	+41 55 42	AGL	1.8 .5	-1.3 .4			K5	2620			DO 38665		3--	81.4	.5
20 36 51.3	+42 27 19	WYO		-1.1 .3	-4.2 .4	-4.6 C	M4	2621			DO 38658		2--	81.9	.8
20 37 12.3	-18 18 58	SAO	.6 .3	-.2 .2			M2 G	2623	-20592	7900	UPS CAP		2--	27.6	-31.9
20 37 12.7	+42 9 9	WYO		-1.0 .3	-4.6 .3	-5.0 C		2624			DR 2		2--	81.7	.5
20 37 28.0	+41 8 6	AGL		-1.4 .3	-4.6 .4			2625					4--	80.9	-.1
20 37 38.0	+53 21 0	IRC	1.3 .4				M5	2627	50336		V1202 CYG		3--	90.6	7.3
20 37 43.0	+39 1 30	IRC	1.0 .3	-.5 C			M2 I	2626	40439				2--	79.3	-1.4
20 38 19.0	+ 1 0 12	IRC	1.4 .3	-.3 .4			M6	2629	487		SVS 103015		2--	47.3	-23.5
20 39 26.0	+41 40 24	AGL		-1.3 .3	-3.4 .4			2631					2--	81.6	-.1
20 39 41.3	+47 57 45	SAO	-1.9 .3	-3.5 .3	-3.6 .4		C5,3E	2632	50338		V CYG		3--	86.5	3.8
20 39 43.5	+45 6 3	SAO	.6 .3	.6 C	.0 C		A2 IA	2633	50337	7924	ALF CYG		2--	84.3	2.0
20 40 39.0	+38 31 30	IRC	2.2 .5	-1.0 .4			M6	2635	40441		V446 CYG		2--	79.2	-2.2
20 40 47.0	+42 45 52	UCS	5.9 C	2.2 C	-3.8 .3			2636			2 OBJECTS		2--	82.6	.4
20 41 36.0	+43 1 0	IRC	.4 .3	-.9 C			M7E III	2637	40442		DG CYG		3--	82.9	.4
20 41 43.0	+19 3 30	IRC	.7 .3				M10 III	2639	20479		ES DEL		1--	63.7	-14.2
20 41 47.3	- 5 1 1	CIO	1.2 .3	.2 C			M6E III	4269	-10546		Y AQR	EO	1--	42.0	-27.3
20 42 11.2	+80 19 12	SAO	1.6 .3				M6	2640	80041		SVS 8576		3--	113.8	22.5
20 43 4.1	+56 18 21	SAO	.7 .3	-1.3 .4	-3.7 .5		M3 G	2644	60297	7944	GC 28926		3--	93.5	8.5
20 43 10.8	+17 54 26	SAO	-.8 .3	-1.4 .4	-3.6 .4		M5-6 II	2641	20481	7941	U DEL		2--	63.0	-15.2
20 43 28.0	+42 9 0	IRC	1.5 .4	.3 C			M8	2642	40446				2--	82.4	-.4
20 43 35.8	+30 32 10	SAO	1.1 .4				K0 III	2643	30450	7942	52 CYG		1--	73.3	-7.6
20 43 47.6	- 4 16 1	EIC	.8 .3	-.6 C			M7E III	2645	489		W AQR		2--	43.0	-27.3
20 44 2.2	- 1 5 11	EIC	-.1 .2	-1.9 .3	-2.8 .5		M8	2646	490				3--	46.1	-25.8
20 44 11.2	+33 46 55	SAO	-.1 .4				K0 III	2648	30451	7949	EPS CYG		1--	75.9	-5.7
20 44 16.5	+61 38 39	SAO	1.1 .3				K0 IV	2649	60298	7957	ETA CEP		4--	97.9	11.6
20 44 33.0	+39 56 6	IRC	-2.3 .3	-5.7 .3	-6.7 .5	-7.2 .7	M6 III	2650	40448		V1489 CYG		4--	80.8	-1.9
20 45 6.0	- 5 12 43	SAO	-.4 .3	-1.3 .4			M3 III	2652	-10548	7951	3 AQR		2--	42.2	-28.1
20 45 28.2	+19 8 55	CIO	1.2 .3				M6E III	2654	20484		V DEL		1--	64.3	-14.9
20 45 37.8	+45 23 43	SAO	1.2 .4	-2.6 .4			M0 G	2653	50341	7966	DO 38841		1--	85.2	1.4
20 45 46.0	+58 13 54	IRC	.8 .3		-3.3 .5		M+A	2655	60299		DO 38857		4--	95.2	9.4

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
20 46 10.6	+28 3 48	SAO	1.1 .3	-.7 .4			M5	2657	30454		SVS 5284		2--	71.7	-9.6
20 46 38.3	+22 48 29	SAO	-.4 .3				M7	2659	20486		FI VUL		1--	67.5	-12.9
20 46 43.0	- 0 44 57	SAO	-.1 .3	-1.4 .3			M6	2658	494		DO 7006		2--	46.8	-26.2
20 46 59.0	+31 40 12	IRC	.9 .3	-.4 .4			M6E III	2660	30455		AM CYG		2--	74.7	-7.5
20 47 56.2	+ 5 54 23	EIC	1.0 .3	-.6 .4			M5	2662	10479		DO 7021		2--	53.2	-23.0
20 48 3.0	+49 56 24	SAO	.6 .3				M4 II	2663	50345		GC 29061		2--	88.9	3.9
20 48 8.9	-42 31 8	SPC		-.4 .2	-3.3 .2			5590				EO -S-	359.0	-39.5	
20 48 41.0	-11 17 0	IRC	1.1 .3				M7	2666	-10550				2--	36.5	-31.6
20 48 49.0	+39 38 12	IRC	1.5 .4	.6 C			S	5549S	40456				1--	81.1	-2.7
20 48 50.4	-27 6 27	SAO	.2 .3	-.4 .2			K5 III	2665	-30437	7980	OME CAP		1--	18.5	-37.2
20 49 54.7	+80 21 57	SAO	1.2 .3				K1 G	2668	80042	8016	SVS 102045		3--	114.0	22.3
20 50 10.0	+47 10 6	IRC	.3 .3	-1.1 .4			M7 G	2667	50347		RZ CYG		3--	87.0	1.9
20 50 48.0	+23 11 0	IRC	.2 .3	-.8 .4			M9E III	2672	20490		RX VUL		1--	68.4	-13.4
20 51 12.0	+25 23 36	IRC	.9 .3				M7	2675	30460		IN VUL		2--	70.3	-12.1
20 52 25.6	+27 51 59	SAO	1.3 .3				K4 III	2676	30462	8008	32 VUL		2--	72.4	-10.8
20 52 59.2	+30 13 20	CIO	.5 .3	-1.9 .4	-3.9 .6		M5E III	2677	30464		UX CYG		3--	74.3	-9.4
20 54 51.4	+16 3 29	SAO	.6 .3				M7	2678	20493		SVS 102047		2--	63.2	-18.5
20 54 56.3	+37 13 36	JCG	.8 .3	-.3 .4			C2	2679					1--	80.0	-5.2
20 56 6.7	+44 35 38	SAO	.8 .3				MS	2682	40458		DO 39057		2--	85.7	-.6
20 56 15.9	+46 16 21	SAO	.9 .3	-1.5 .3	-3.5 .4		M2-4 IAB	2683	50351		AZ CYG		3--	87.0	.5
20 56 59.8	+27 14 59	JCG	.3 .4	-2.5 .3	-3.1 .5		C1	2686					2--	72.6	-12.0
20 58 42.0	-74 15 36	AGL			-3.9 .4			4270					1--	319.2	-34.9
21 0 1.8	+82 51 41	KLM	1.4 .3	-1.3 .4	-1.2 .2		M5E	2690			X CEP		2*-	116.5	23.4
21 0 16.0	+36 30 0	AGL	3.6 C	-2.6 .4	-6.0 .4	-7.6 .6		2688			IV ZW 67		4--	80.2	-6.5
21 0 36.8	+44 35 35	SAO	.5 .3				M4 IIIAS	2689	40464	8062	DO 39142		2--	86.3	-1.2
21 0 51.0	+35 39 24	AGL	.6 .3				M3	2691			DO 19908		1--	79.6	-7.1
21 0 59.7	+67 57 56	KLM	3.0 C	-1.4 .4	-2.7 .4			2695			HZ CEP		3--	104.1	14.2
21 1 16.7	+23 47 51	SAO	-.5 .4		-3.8 .5		M5 G	2694	20501		DY VUL		1--	70.5	-14.9
21 2 19.0	+37 38 42	IRC	1.5 .3	-.5 C	-2.5 .5		M8	2697	40465				2--	81.3	-6.0
21 2 42.9	+53 9 7	GH	.9 .3	-1.3 .3	-2.1 C		C	2699					3--	92.9	4.3
21 2 43.0	+37 4 36	IRC	.4 .3	-1.3 .3			S	2698	40466		GR CYG		2--	80.9	-6.5
21 2 47.0	+27 12 6	IRC	1.2 .3	-.4 C			M7	2700	30469		SVS 5337		2--	73.4	-13.0
21 3 6.6	+43 43 39	SAO	-.3 .4	-.2 C	-.2 C		K4.5 IB	2703	40468	8079	XI CYG		1--	85.9	-2.1
21 3 17.6	- 0 24 44	EIC	-.6 .3	-2.4 .3	-3.0 .4		C6,3E	2702	499		RV AQR		3--	49.6	-29.6
21 3 34.0	+51 36 42	IRC	1.2 .4	-1.6 .3	-3.2 .5		CE	2704	50357		V1549 CYG		3--	91.8	3.2
21 4 12.4	-25 12 25	SAO	.3 .3				M1 G	2707	-30441	8080	24 CAP		1--	22.0	-40.0
21 4 28.0	-16 37 27	SAO	-.6 .3	-2.2 .2	-2.8 .2		M6 III	2708	-20596		RS CAP		C--	32.4	-37.3
21 4 52.6	+47 26 48	SAO	.8 .3				K4 IB	2709	50359	8089	63 CYG		2--	88.9	.2
21 4 58.9	- 0 21 57	SAO	.6 .3				M7	2712	500		DO 7188		2--	49.9	-30.0
21 5 8.0	+42 1 48	AGL	4.1 C	-2.1 .3	-4.6 .4	-5.0 C		2713			NGC 7027	PLAN. NEB	3--	84.9	-3.5
21 5 55.3	+ 3 0 57	EIC	1.0 .3				M6	2717	501		DO 7199		1--	53.3	-28.3
21 5 59.9	+ 6 47 11	SAO	1.1 .3	-1.6 .5			M3	2716	10487	8090	DO 7197		2--	56.8	-26.2
21 6 53.3	+70 44 57	SPC		-2.2 .2	-3.3 .2	-3.2 .3		5591				EO -S-	106.6	15.6	
21 6 57.3	-38 43 0	SPC		-.9 .2	-2.3 .2	-1.6 .3		5592	-30483E				-2-	4.3	-42.9
21 8 39.0	+52 38 36	IRC	.9 .3	-.9 .4	-2.9 .5		M9	2720	50362				3--	93.1	3.3
21 8 44.5	+47 27 1	SAO	.8 .3	-.7 .5			M5 III	2719	50363		DO 39269		2--	89.3	-.3
21 8 52.9	+68 17 12	SAO	-2.0 .3	-3.1 .3	-3.9 .4		M6.5E	2721	70168	8113	T CEP		5--	104.8	13.8
21 8 53.0	+54 18 54	AGL	1.4 .3					4272					1--	94.4	4.4
21 10 1.0	-14 35 55	SAO	.2 .3	-.4 .2		-2.8 .3	M5	2722	-10558		RX AQR		C--	35.4	-37.7
21 10 48.4	+30 1 15	SAO	.7 .3				G8 III	2723	30472	8115	ZET CYG		2--	76.8	-12.5

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
21 11 30.8	+59 53 28	SAO	-.2 .3	-.6 .4			M2 IB	2725	60305		SVS 102073		3--	98.7	8.0
21 12 58.9	-15 22 50	SAO	.2 .3	-.4 .2			M3 G	2727	-20598	8128	29 CAP		2--	34.9	-38.7
21 13 36.8	- 9 25 27	SAO	1.2 .3				M4 G	2728	-10559		GC 29742		1--	41.7	-36.3
21 14 14.0	+53 49 12	IRC	.9 .4				M5	2731	50367		V702 CYG		2--	94.5	3.5
21 14 57.0	+40 50 54	IRC	1.9 .4	-1.5 .4			M8 III	2735	40477				2--	85.3	-5.6
21 15 49.5	+ 7 32 58	SAO	1.0 .3	-.9 C			M6	2737	10491		RU EQU		3--	59.1	-27.7
21 16 16.7	+76 48 7	SAO	1.3 .3				K5 G	2740	80044	8168	DO 39444		3--	111.9	19.1
21 16 26.7	+10 59 30	SAO	1.7 .3				M2	2739	10492	8149	DO 7315		2--	62.3	-25.8
21 16 47.0	+55 3 24	IRC	.9 .3	-1.1 .4			M6	2743	60309		DO 39414		2--	95.7	4.1
21 16 50.8	-45 10 25	SPC		-.4 .2			N0	5593	-40313E	8145	T IND		-?-	355.3	-44.6
21 17 17.3	+60 58 22	SAO	.9 .3				MB	2746	60311		GC 29843		3--	100.0	8.2
21 17 19.6	+63 21 15	SAO	1.5 .4				M7	2745	60312		DO 39430		4--	101.7	9.9
21 17 43.0	+50 35 42	IRC	1.4 .3				M6.5	2747	50372				2--	92.6	.9
21 17 52.6	+58 24 41	SAO	.5 .3	.3 W			M1EP IB	2748	60313	8164	DO 39440		4--	98.2	6.4
21 18 2.0	+62 12 6	IRC	1.5 .3				M6	5605S	60314		CS CEP		1--	100.9	9.0
21 18 11.3	+55 14 15	SAO	.2 .3				M6 III	2750	60315		FZ CEP		2--	96.0	4.1
21 18 35.0	+49 8 22	SAO	.7 .3				M5 II	2752	50374		DO 39448		2--	91.7	-.3
21 18 36.3	+ 7 8 30	SAO	1.2 .3				M2 IIIA	2751	10494	8163	9 EQU		3--	59.2	-28.5
21 19 46.3	+19 35 23	SAO	1.3 .4				K1 III	5608S	20505	8173	1 PEG		1--	70.0	-20.9
21 20 8.7	-22 53 0	SAO	1.2 .3				M1 G	2753	-20600	8172	GC 29923		1--	26.3	-42.9
21 20 14.0	+21 47 6	IRC	1.2 .3	.8 W	.4 W		M4E III	2754	20506		SW PEG		2--	71.9	-19.5
21 20 35.0	+42 10 30	IRC	1.0 .4				C6,3E	2755	40478		YY CYG		1--	87.0	-5.5
21 20 35.6	-40 55 9	CIO	0.7 C	-.6 .2	-2.0 .2		M6E	5594	-40314E		V MIC		-2-	1.3	-45.5
21 20 45.0	+77 38 24	IRC	1.0 .3	-1.0 .2	-1.5 .2		M3	2757	80045		GH CEP		C22	112.7	19.4
21 20 51.7	+40 43 6	SAO	-.8 .4				M7 III	2759	40479		V1070 CYG		1--	86.0	-6.5
21 21 4.0	+23 15 42	IRC	1.4 .4	-.7 .4			M6.5 III	2756	20507		BM PEG		1--	73.2	-18.7
21 21 31.7	+79 33 12	SAO	1.3 .3				M5	2761	80047		DO 39574		2--	114.2	20.7
21 23 48.9	-22 37 44	SAO	1.2 .3				BA II	2764	-20602	8204	ZET CAP		1--	27.0	-43.6
21 24 32.3	+62 21 25	SAO	1.1 .4	-1.4 .4			M3.5 IAB	2765	60317		SW CEP		3--	101.6	8.6
21 25 23.0	+36 29 0	IRC	1.5 .4	-2.2 C	-3.7 .6		M9	5615S	40483				1--	83.7	-10.2
21 25 34.0	+10 15 48	AGL			-3.6 .4	-6.7 .6		4274					2--	63.2	-28.0
21 26 2.4	+59 31 55	SAO	.6 .3				M3	2767	60318	8224	GC 30065		2--	99.7	6.4
21 26 13.0	+70 0 12	IRC	.5 .3	-1.3 .3			C	2768	70170		AX CEP		4--	107.2	13.9
21 26 42.6	+21 57 36	SAO	-.5 .3	-.2 .8			M4 G	2769	20511	8223	SVS 102104		2--	73.1	-20.5
21 26 59.0	+71 36 6	IRC	1.1 .4	-1.3 .2	-1.8 .2		M5	2771	70171				C--	108.4	15.0
21 27 40.8	+23 25 8	SAO	.2 .4				M1 III	2772	20512	8225	2 PEG		1--	74.4	-19.7
21 28 38.0	+10 56 12	IRC	0.0 .3	-2.3 .3	-3.3 .4		M7E III	2775	10498		UU PEG		4--	64.3	-28.2
21 23 55.6	- 5 47 32	SAO	.8 .3	.3 C	0.0 C		G0 IB	2776	-10565	8232	BET AQR		2--	48.0	-37.9
21 29 39.0	+60 39 36	AGL	1.4 .3					2777					2--	100.8	6.9
21 29 43.0	-57 3 30	AGL			-4.0 .4			4277					1--	338.4	-44.2
21 30 16.0	-56 46 30	AGL			-4.2 .4			4278					1--	338.8	-44.4
21 31 13.0	+54 5 42	IRC	.2 .3	-1.2 .4			M7	2779	50383				2--	96.5	2.0
21 32 5.0	+38 51 0	IRC	-.2 .4	-2.0 .4			C7,2E	2781	40485		V1426 CYG		1--	86.3	-9.4
21 32 10.2	+ 1 36 21	SAO	0.0 .2	-.7 .4			M6	2782	504		DO 7488		2--	56.3	-34.5
21 34 8.0	+32 17 42	IRC	1.2 .4	-.4 C			M9	5628S	30475				1--	82.0	-14.4
21 34 24.5	+31 52 39	SAO	.9 .4				M4E III	2784	30476		AB CYG		1--	81.8	-14.8
21 35 52.6	+78 23 59	SAO	-1.6 .3	-3.0 .2	-2.4 .2	-2.9 .3	C7,3E	2785	80048		S CEP		C22	113.8	19.4
21 36 54.2	-38 14 31	SPC		-.5 .2	-1.8 .2			5595	-30489E		ISS 118		-2-	5.2	-48.7
21 37 41.0	-54 46 18	AGL		-2.7 .4				4281					1--	341.0	-46.0
21 37 44.8	- 2 0 46	SAO	.4 .3	-2.1 .6			M5	2787	507		DO 7540		2--	53.6	-37.7

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
21 38 10.4	+50 0 44	JCG	1.0 C	-1.4 .4	-3.3 C			2789			V645 CYG		1--	94.6	-1.8
21 38 13.2	+43 2 46	SAO	.6 .4				M1 III	2788	40488	8284	75 CYG		1--	90.0	-7.0
21 38 58.5	+54 5 49	SAO	-.8 .3	-2.2 .4	-3.3 .5		M6	2790	50390		RU CYG		2--	97.4	1.2
21 39 44.0	-45 49 25	AGL		-1.0 .2				4283					C--	353.7	-48.5
21 39 45.3	+ 5 27 5	SAO	.8 .3		-3.2 .5		M2 IIIAB	2792	10502	8289	7 PEG		3--	61.4	-33.7
21 39 54.4	+35 16 55	SAO	-.4 .4	-.7 C	-1.1 C		C6,3	2793	40489	8297	V460 CYG		1--	85.0	-13.1
21 40 13.5	+45 32 14	SAO	0.0 .4				M3	2794	50392	8298	V1339 CYG		1--	91.9	-5.4
21 40 30.0	+54 35 42	IRC	.9 .3	-1.1 .4			M6	2795	50393		SVS 8682		2--	97.9	1.4
21 41 5.7	+40 55 32	SAO	1.2 .4	1.0 C			M2 IIIAB	2796	40490	8306	SVS 8683		1--	89.0	-9.0
21 41 12.0	+37 47 17	SAO	-.4 .4	-1.3 .4			C6,4	2798	40491		RV CYG	EO	1--	86.9	-11.4
21 41 21.0	-50 28 30	AGL		-2.7 .4				4284					1--	346.8	-47.8
21 41 34.0	+76 9 42	IRC	.7 .3	-1.1 .2	-1.2 .2		M8	2799	80049		AM CEP		C*4	112.5	17.6
21 41 43.8	+ 9 38 42	SAO	-1.1 .3	-1.6 .3	-1.2 C		K2 IB	2800	10503	8308	EPS PEG		3--	65.6	-31.5
21 41 58.5	+58 33 1	SAO	-2.4 .3	-4.0 .3	-4.7 .4	-5.3 C	M2 IA	2802	60325	8316	MUU CEP		3--	100.6	4.3
21 42 20.4	- 9 18 47	SAO	1.4 .3				G8 II	2803	-10569	8311	46 CAP		2--	46.2	-42.5
21 42 40.0	+12 28 12	IRC	.5 .3	0.0 C			M7E III	2804	10504		TU PEG		2--	68.2	-29.8
21 43 36.3	- 9 30 27	SAO	.9 .3				M3 G	4285	-10570	8318	AG CAP		1--	46.1	-42.9
21 43 56.5	- 2 26 41	SAO	-1.9 .3	-3.1 .3	-4.2 .4		M7 III	2806	509		EP AQR		4--	54.2	-39.3
21 44 5.0	+73 24 36	IRC	-.5 .3	-1.8 .2	-1.7 .2		C6,3E	2805	70177		PQ CEP		C-2	110.7	15.4
21 44 41.9	+57 49 51	SAO	1.5 .3				M2	2807	60327		DO 40105		3--	100.4	3.5
21 45 38.0	+64 22 0	IRC	.4 .3	-1.9 .4	-3.4 .5		M6 III	2808	60328		RT CEP	EO	4--	104.7	8.5
21 47 30.0	+52 11 12	IRC	1.1 .4				M6	2811	50401				1--	97.1	-1.1
21 47 51.0	+61 2 21	SAO	1.5 .3				M1 IIIA	2810	60330	8347	GC 30571		2--	102.8	5.8
21 49 58.1	+21 2 14	SAO	.4 .3	-1.0 .4			M6	2812	20521	8350	HO PEG		2--	76.5	-25.0
21 50 52.0	+55 44 54	IRC	1.4 .3				M7	2813	60331		IQ CEP		2--	99.7	1.4
21 53 2.0	+51 14 30	IRC	1.4 .3	-.8 .4	-3.7 .5		M7E III	2815	50405		BQ CYG		2--	97.2	-2.4
21 53 18.6	+50 15 52	CIO	.9 .4				C5,4	2817	50409		LW CYG		1--	96.6	-3.1
21 53 21.0	+54 14 42	IRC	1.1 .3				C5,4	2816	50408		V413 CYG		1--	99.1	-.0
21 54 1.0	+22 37 42	IRC	1.2 .4	-1.1 .4			C4,4	2818	20523		RX PEG		1--	78.5	-24.5
21 54 19.3	-14 21 5	SAO	.4 .4	-1.3 .2	-1.5 .2		M4	2819	-10573		SVS 5490		C--	41.7	-47.4
21 54 55.9	+17 31 26	SAO	1.4 .3				M6	2820	20525		DO 21036		2--	74.7	-28.4
21 55 13.4	+80 4 16	SAO	.8 .3	-1.1 .4	-.6 .2		M6	2822	80052		DO 40561		5?-	115.8	20.0
21 55 14.4	+63 23 14	SAO	-.6 .3	-.8 .3	-.7 W		M2 IA	2821	60333	8383	VV CEP		4--	104.9	7.0
21 55 56.6	-21 25 21	SAO	.7 .3	-.9 .2			M4 G	2823	-20612	8378	GC 30746		1--	31.9	-50.3
21 56 20.0	+56 30 54	IRC	.8 .4	-1.7 .3	-2.1 C		M8	2825	60334		PR CEP		2--	100.8	1.5
21 56 35.0	+54 19 36	IRC	1.7 .4				M5	2826	50412		DO 40493		2--	99.5	-.2
21 57 24.9	+62 27 29	SAO	.8 .3				M3 IIIAB	2827	60335	8388	DO 40532		2--	104.5	6.2
21 57 30.7	+23 42 3	SAO	-.5 .3	-1.2 .4			M5	2828	20526		SVS 5496		2--	79.9	-24.3
21 58 8.1	-46 29 42	SPC		-.2 .2	-2.2 .2			5596					-S-	351.6	-51.5
21 59 58.0	+48 29 6	IRC	.1 .3	-1.2 .3			M7P	2832	50415		GY CYG		2--	96.4	-5.2
22 0 8.0	+56 44 12	IRC	1.2 .3				M7	2833	60337		YY CEP		1--	101.4	1.4
22 0 22.4	- 0 10 20	SAO	1.4 .3				M7	2835	511				2--	59.8	-41.3
22 0 22.7	-31 41 14	SAO	.3 .3				M7 III	2836	-30449		TT PSA		1--	15.9	-53.3
22 1 23.6	+70 16 3	SPC			-2.7 .2	-2.7 .3		5597					-S-	109.7	12.1
22 1 43.2	+28 6 20	SAO	-.8 .3	-2.0 .3	-3.1 C		M6 G	2837	30481		TW PEG		2--	83.8	-21.5
22 2 22.8	+62 52 34	SAO	-.1 .3				M4 IIIAB	2839	60338	8416	MO CEP		4--	105.3	6.2
22 2 49.1	+70 25 42	SPC		-1.6 .2	-2.9 .2			5598				EO	-S-	109.9	12.2
22 3 9.4	+ 4 48 48	SAO	.9 .3				K4 III	2843	512	8413	NUU PEG		3--	65.4	-38.6
22 3 12.9	- 0 33 49	SAO	.9 C	.9 C			G2 IB	2844	513	8414	ALF AQR		2--	59.9	-42.1
22 3 17.0	+46 30 5	SAO	.7 .3				M4 IIIAB	2842	50417	8421	HT LAC		2--	95.7	-7.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
22 3 31.0	+35 6 17	SAO	-1.1 .3	-2.6 .4	-2.6 .6		M7	2845	40501		SV PEG		3--	88.7	-16.3
22 3 38.6	+62 50 11	SAO	1.2 .4				M6	2847	60340		DO 40716		3--	105.3	6.0
22 3 52.0	+62 15 42	IRC	1.4 .4				M6.5	2848	60341		TT CEP		2--	105.0	5.6
22 4 49.0	+59 14 42	IRC	1.2 .4	-.7 .4			M5	4286	60342		DO 40745		1--	103.4	3.0
22 4 52.0	+11 39 12	IRC	1.0 .3	-1.3 .4			M7	2851	10510		SVS 102147		3--	71.9	-34.3
22 5 30.7	-34 17 18	SAO	.7 .3				M1	2852	-30497E	8433	UPS PSA		1--	11.5	-54.5
22 5 37.0	+47 29 42	IRC	1.6 .4	.1 C			M8	5671S	50419				1--	96.6	-6.6
22 6 19.8	+49 33 5	SAO	1.4 .5				M0	2856	50421	8445	DO 40803		2--	97.9	-5.0
22 6 27.3	+12 17 42	SAO	1.4 .3				M6E III	2854	10511		T PEG		2--	72.8	-34.1
22 6 42.2	+74 29 17	SAO	1.4 .4				M6	2855	70183		DO 40856		5--	112.6	15.3
22 6 57.9	+59 18 36	CIO	1.5 .4	.8 C	-.4 C		M2 IA	2857	60343		AZ CEP		3--	103.6	2.9
22 7 22.4	+71 52 19	SPC		-.3 .2	-2.6 .2			5599					-S-	111.0	13.1
22 7 23.1	+72 31 24	SAO	.7 .3				M6	2859	70184		DM CEP		4--	111.4	13.6
22 8 10.2	+11 22 44	SAO	1.3 .4				M1 G	2862	10513	8458	DO 7747		2--	72.4	-35.0
22 8 12.8	+71 34 34	SPC		-.5 .2	-2.7 .2	-4.3 .3		5600				EO	-S-	110.9	12.8
22 9 6.9	+57 57 16	SAO	-.3 .3	-.5 .4			K1.5 IB	2864	60344	8465	ZET CEP		2--	103.1	1.7
22 9 38.9	+71 45 25	SPC		-1.2 .2	-2.5 .2			5601					-S-	111.1	12.9
22 9 43.0	+56 47 42	IRC	.9 .3	-1.7 .3	-3.3 .4		M4 III	2865	60345		CU CEP		2--	102.5	.7
22 9 50.0	+14 18 36	IRC	.6 .3	-1.5 .3	-3.1 .5		M6E III	2866	10514		RS PEG		2--	75.2	-33.2
22 10 48.8	+63 2 37	SAO	.7 .3				M3 IIIAB	2867	60347	8483	DO 40954		4--	106.1	5.7
22 11 18.0	+25 10 36	IRC	1.3 .4				M7	2868	30488		GK PEG		1--	83.6	-25.1
22 11 43.7	+39 27 58	SAO	.8 .3				K3 III	2869	40506	8485	SVS 102156		2--	92.8	-13.8
22 12 16.2	+57 45 56	SAO	.4 .3		-3.0 .5		M5	2872	60348		DO 40997		2--	103.3	1.3
22 13 47.2	+37 29 57	SAO	.7 .3				K3 II	2875	40507	8498	1 LAC		2--	91.9	-15.6
22 14 11.8	- 8 1 50	SAO	1.7 .3				G8 III	5678S	-10578	8499	THE AQR		1--	53.5	-48.6
22 14 32.9	-80 41 24	SAO		-2.0 .4			M6 III	4288		8481	EPS OCT		1--	310.0	-34.5
22 15 38.0	+ 2 28 47	EIC	1.5 .3		-2.4 .5		M5 G	2879	516		UW PEG		2--	65.8	-42.5
22 15 51.4	+13 21 28	SAO	1.0 .3				M6E G	2880	10515		TX PEG		2--	75.7	-34.9
22 16 32.0	+43 31 45	GH	1.3 .3	-.9 .3	-1.0 C		C	2881					2--	95.9	-10.9
22 17 29.0	+63 3 18	AGL	1.2 .3	-2.1 .3	-5.0 .4	-8.1 C		2884			SHARP. 140		4--	106.8	5.3
22 17 42.7	+59 36 17	JCG	.2 .4	-2.3 .3	-4.1 .4		M0 III	2885					2--	104.9	2.4
22 18 25.0	+61 55 30	IRC	.9 .3	-.9 .4			M6	2887	60351		DO 41170		3--	106.2	4.3
22 18 40.5	+26 40 59	SAO	1.0 .3				M4 G	2888	30490	8517	SVS 102166		1--	86.1	-25.0
22 19 4.3	- 7 51 38	SAO	.2 .3	-1.1 .2	-2.0 .2		M8	2889	-10580		DZ AQR		C--	54.7	-49.5
22 19 20.4	+45 23 52	SAO	1.1 .3				M6	2891	50427		FW LAC		2--	97.4	-9.6
22 19 34.7	- 9 19 57	SPC		-.6 .2	-2.2 .2	-2.9 .3		5602					-S-	52.9	-50.4
22 19 41.2	-46 12 2	CIO	-2.5 C	-3.6 .1	-4.3 .2	-4.1 .3	S4,7	4289		8524	PI2 GRU		C--	350.3	-55.2
22 20 27.6	-22 18 36	SAO	1.2 .3				M6E	2893	-20618		RT AQR		2--	33.2	-56.0
22 20 37.0	- 2 46 0	AGL	1.5 .4	-.9 .4				4290					3--	61.3	-46.8
22 21 14.0	+55 42 36	SAO	1.2 .4	-1.4 .3	-3.5 .5		K5 IA-0	2896	60353		RW CEP		2--	103.2	-1.1
22 21 35.3	+51 58 41	SAO	1.6 .5				G9 III	5684S	50428	8538	BET LAC		1--	101.3	-4.3
22 21 39.2	+31 0 30	SAO	.4 .3				M4.5 G	2895	30491		DO 21445		2--	89.4	-21.8
22 23 4.0	-48 39 38	AGL		-1.6 .2	-1.4 .2		M8E III	5687S			S GRU		C2-	345.9	-54.8
22 23 15.3	-45 31 10	SPC		-1.0 .2	-1.5 .2			5603	-40323E				-2-	351.1	-56.0
22 23 16.0	+30 13 12	IRC	1.3 .4	-1.7 .4			M6E III	2900	30492		RV PEG		1--	89.2	-22.7
22 24 8.1	+60 5 25	GH	.8 .3	-2.0 .3	-3.0 .4		C	2901					3--	105.9	2.4
22 24 53.0	+45 9 6	IRC	1.4 .3				M5	2904	50430		DO 41372		2--	98.1	-10.4
22 26 1.0	+35 18 6	IRC	1.3 .3				M6	2908	40511		DO 21501		2--	92.8	-18.8
22 26 26.0	+58 58 36	IRC	1.1 .3	-1.1 .4			M6	2910	60355		DO 41440		2--	105.5	1.3
22 26 38.2	+ 8 52 23	SAO	1.4 .4				K5 IIIA	2911	10518	8562	36 PEG		1--	74.4	-40.0

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
22 26 43.1	+49 52 55	SAO	1.1 .4				M4	2912	50432		DO 41442		2--	100.8	-6.5
22 26 49.4	+40 3 34	SAO	1.5 .4	1.1 C			M5.5E	5691S	40512		S LAC		1--	95.6	-14.9
22 26 49.7	-44 1 47	SPC	-0.9 C	-1.7 .2	-1.6 .2		M4	5604	-40325E	8560	DEL2 GRU		-S-	353.2	-57.1
22 27 26.5	+47 27 2	SAO	-.1 .3	-.4 C			M0 IAB	2913	50433	8572	5 LAC		3--	99.7	-8.7
22 28 16.5	+56 44 39	SAO	.9 .3	-1.0 .5	-1.6 C		M2 IAB	2916	60357		ST CEP		2--	104.6	-.8
22 30 23.1	+52 58 1	SAO	1.0 .3				M5 III	2918	50435		DO 41530		3--	102.9	-4.2
22 30 24.8	-49 0 48	SPC			-2.1 .2			5605					-2-	344.5	-55.7
22 30 40.0	+55 10 54	IRC	.7 .3	-1.2 .4			M6	2919	60359		NY LAC		3--	104.1	-2.3
22 31 37.0	+24 18 36	IRC	.4 .3	-.3 .5			M7E III	2921	20532		SS PEG		2--	87.2	-28.6
22 31 43.0	+58 38 6	IRC	.7 .4	-1.7 .4	-4.0 .6		M1 IA	2922	60361		DO 41575		3--	105.9	.6
22 32 51.9	-20 3 24	SPC		.2 .2	-2.2 .2			5606					-?-	38.8	-58.1
22 34 9.0	- 9 0 42	AGL	.8 .4					2924					1--	56.6	-53.3
22 34 27.0	-19 54 15	SPC		-.4 .2	-2.0 .2	-2.1 .3		5607					-?-	39.4	-58.4
22 34 32.7	+58 10 0	SAO	1.2 .3	-1.5 .3	-2.7 C		K0EP IA	2925	60362		W CEP		3--	106.0	.1
22 35 43.7	+77 20 23	SAO	1.6 .3				M4	4291	80054		DO 41700		1--	115.8	16.6
22 35 54.9	-14 17 53	SAO	.6 .3	-.8 .2	-1.1 .2		M7	5702S	-10584		AB AQR		C--	49.1	-56.4
22 36 8.7	+75 6 42	SAO	1.6 .3				M1 IIIAB	2929	80055	8625	DO 41729		2--	114.6	14.7
22 36 39.5	+56 32 8	SAO	-.5 .3	-.4 .4			M4 III	2928	60363	8621	SVS 102195		3--	105.5	-1.5
22 37 51.8	+40 24 34	SAO	1.5 .3				M5	2931	40515		DO 41747		2--	97.6	-15.7
22 38 35.0	+49 44 30	IRC	1.1 .3	-.2 C			M8	2932	50440		GI LAC		3--	102.4	-7.6
22 39 19.0	+20 54 24	IRC	1.3 .4	-.7 .4	-.2 W		M6 G	2934	20534		BC PEG		1--	86.6	-32.4
22 39 29.9	- 5 21 48	SAO	.6 .3	-.0 .2			MA	2935	-10585		GC 31678		2--	62.7	-52.1
22 39 32.0	+42 17 0	IRC	1.5 .4				M7	2936	40518		DO 41783		3--	98.9	-14.2
22 39 41.4	-47 8 48	SAO	-3.3 C	-3.6 .2	-3.7 .2	-3.3 .3	M3 II	4292		8636	BET GRU		C2-	346.3	-53.0
22 40 37.0	+27 53 42	SAO	.8 .3	.2 W	.2 W		M6 G	2940	30498		BD PEG		2--	91.3	-26.7
22 40 39.3	+29 57 33	SAO	.6 .3	.5 C			G8 II	2938	30499	8650	ETA PEG		3--	92.5	-25.0
22 40 53.9	-19 5 33	SAO	.9 .3				K4 III	2942	-20620	8649	66 AQR		2--	41.9	-59.5
22 41 16.0	+59 29 30	IRC	1.1 .3	-1.5 .3			M4 RED	2941	60364		SVS 5604		2--	107.4	.8
22 41 17.0	+22 55 24	IRC	1.3 .3	1.0 W	.9 W		M5	2943	20535		BE PEG		2--	88.4	-31.0
22 41 24.7	-13 50 11	SPC		-.3 .2	-3.3 .2			5608					-S-	51.0	-57.3
22 41 51.5	+29 20 51	SAO	1.5 .4				M6	2946	30500		DO 21711		3--	92.4	-25.6
22 42 18.0	+61 28 0	IRC	1.2 .3				C7,4	2948	60365		DG CEP		2--	108.5	2.5
22 42 25.3	+74 31 51	KLM	1.2 .3	-.0 .2			C	2949					C--	114.7	14.0
22 45 39.0	+54 54 0	IRC	.7 .3	-1.6 .3	-3.1 .5		M4 IAB	2957	50446		U LAC		3--	105.8	-3.5
22 46 41.4	+27 5 35	SAO	.6 .3	-.9 .4			M6 G	2960	30502		ST PEG		3--	92.1	-28.1
22 46 56.7	-13 51 25	SAO	-.1 .3	-.6 .2	-2.7 .5		M0 G	2962	-10587	8679	TAU AQR		C2-	52.3	-58.5
22 47 23.0	+59 40 30	AGL		-.9 .4	-3.2 .5			2963			SHARP. 146		3--	108.2	.6
22 47 35.2	+24 20 14	SAO	1.0 .3				G8 III	2966	20537	8684	MUU PEG		2--	90.7	-30.6
22 47 41.0	+40 47 42	IRC	-.8 .3	-1.3 .4	-1.5 C		M7	2965	40522		RX LAC		3--	99.5	-16.2
22 47 42.1	+55 38 14	SAO	1.6 .4				K1 III	2964	60368	8688	GC 31854		3--	106.4	-3.0
22 47 53.6	+65 56 14	SAO	.9 .3		-3.2 .5		K0 III	2967	70190	8694	IOT CEP		5--	111.3	6.2
22 48 6.0	+60 1 42	IRC	1.5 .3	-1.6 .3	-3.6 .4		K0 IA	2968	60370		DO 42062		3--	108.4	.9
22 48 53.0	+17 51 12	IRC	.9 .3				M5 II	2970	20538		AF PEG		2--	88.8	-36.2
22 48 58.0	+63 59 0	IRC	1.0 .3	-.8 .4			M8	2971	60371		VX CEP		4--	110.3	4.4
22 48 59.0	+61 30 36	IRC	1.2 .3				M1 RED	2969	60372		SVS 5623		1--	109.2	2.2
22 49 26.0	-25 34 12	IRC	1.1 .3	-.0 .2	-1.2 .2		M8	2974	-30455		TU PSA		C--	30.0	-63.2
22 49 46.4	+43 2 47	SAO	.5 .4				M0 G	2976	40523	8699	15 LAC		3--	101.0	-14.4
22 50 .4	- 7 50 46	SAO	-.4 .4	-1.3 .2			M2.5 IIIAP	2977	-10588	8698	LAM AQR		C--	62.2	-55.7
22 51 19.0	+61 1 12	IRC	1.3 .3	-1.2 .3			S	2982	60374		DO 42141		3--	109.2	1.6
22 51 40.0	+ 8 37 54	IRC	.6 .3	-1.8 .4			M9 III	2984	10523		DO 7912		3--	80.6	-44.1

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
22 51 51.9	+66 0 49	SK	.7 .3	-1.2 .3	-2.7 C		C	2985			RED STAR		4--	111.5	6.1
22 52 7.6	+16 40 31	SAO	.5 .3	-.3 C	-4.7 .5		S5,1	2986	20539	8714	HR PEG		2--	86.8	-37.6
22 52 31.0	+60 33 12	IRC	.7 .3	-1.6 .3	-2.2 C		M7	2987	60375		MY CEP		3--	109.2	1.1
22 52 35.0	-29 52 43	SAO	-.9 .3	-2.1 .2	-2.3 .2	-2.7 .3	MB	2989	-30456		V PSA		C2-	20.5	-64.4
22 52 38.3	+84 46 49	SAO	.5 .3	-.7 .4	-1.2 .2		M4 III	2988			GC 31962	AR CEP	5?*	120.2	22.8
22 54 2.6	-57 40 4	SAO		-1.8 .4			MC	4293			GC 31985		1--	328.7	-53.6
22 54 13.0	+58 15 48	AGL		-.8 .4			M	2991			SHARP. 149		2--	108.4	-1.0
22 54 14.1	+49 27 59	SAO	.6 .3	-.5 .5			K5 IB	2992	50452	8726	SVS 102221		3--	104.6	-9.0
22 54 25.9	-20 36 39	SAO	1.8 .4				M5.5E	2993	-20624		S AQR		2--	41.3	-63.0
22 54 37.0	+61 15 24	IRC	1.3 .3	-.5 .5			M4	2996	60377				2--	109.7	1.6
22 54 53.1	+84 4 44	SAO	1.2 .4				K5	4294		8748	GC 31999		4--	120.0	22.2
22 54 53.5	-29 53 16	SAO	.7 .3	.2 .2			A3 V	2995	-30458	8728	ALF PSA		1--	20.5	-64.9
22 55 31.0	+62 21 30	AGL	1.6 .3	-1.3 .4	-3.4 .4			3000			SHARP. 155		2--	110.3	2.6
22 55 39.5	+58 33 28	GH	1.5 .4	-2.1 .3	-3.3 .4		M	2999			AS 501		2--	108.7	-.9
22 55 39.6	+21 14 45	SAO	1.6 .4	-1.0 .4			M6	3001	20543		DO 21915		2--	90.7	-34.2
22 55 55.9	-46 13 0	SPC		-.1 .2	-2.6 .2			5609					-S-	345.3	-60.8
22 56 14.4	-45 52 35	SPC			-2.9 .2	-2.2 .3		5610					-S-	345.8	-61.1
22 56 19.0	+58 31 6	AGL		-1.5 .4	-3.2 .4			3004			SHARP. 152		3--	108.7	-.9
22 56 57.7	-13 20 21	SAO	1.4 .3				K5 G	3005	-10590	8741	GC 32038		2--	55.6	-60.3
22 57 54.2	+35 38 41	SAO	1.1 .4				M6	3007	40527		DO 21951		2--	98.9	-21.7
22 57 58.2	+56 40 37	SAO	.7 .3	.5 C	.2 C		G5 0-IA	3006	60379	8752	V509 CAS		3--	108.2	-2.7
22 58 29.7	+64 2 38	GH	.9 .3	-1.4 .3	-3.4 .4		C	3011					4--	111.3	4.0
22 58 37.6	+46 14 31	SAO	.7 .3	-.7 .4	-.3 W		M7	3010	50454		BC AND	EO	3--	103.9	-12.2
22 59 10.0	+32 20 38	SAO	.6 .3	-.9 .4			M6	3012	30503		DO 21968		3--	97.6	-24.8
22 59 24.7	+61 17 43	SAO	.8 .3	-.6 .4			M4	3013	60381		DO 42369		3--	110.2	1.4
22 59 31.0	+45 37 12	IRC	1.6 .3				C3,5	3015	50455		VY AND		2--	103.7	-12.9
22 59 37.0	+10 20 0	IRC	1.3 .5	-1.3 .4	-3.3 .5		M9.5	4295	10525				2--	84.2	-43.9
23 0 2.0	+59 33 6	IRC	1.4 .4	-1.1 .3			M3	3016	60382		AS CEP		3--	109.6	-.2
23 1 20.8	+27 48 41	SAO	-2.5 .3	-2.6 .3	-2.7 C	-2.6 C	M2.5 II	3017	30504	8775	BET PEG		3--	95.7	-29.0
23 1 22.8	+37 35 3	SAO	.5 .3	-1.2 .3			M7	3018	40528		CF AND		3--	100.5	-20.3
23 2 41.0	+56 52 18	AGL	1.4 .3					3020					1--	108.8	-2.8
23 2 44.9	-22 45 25	SAO	1.4 .3				M3	3019	-20627		ER AQR		2--	38.0	-65.5
23 3 52.3	+59 58 45	UCG	1.9 C	-1.5 .3	-3.7 .4			3022			SHARP. 156		1--	110.2	.0
23 4 8.2	+10 16 22	SAO	-.2 .3	-1.4 .4	-2.3 C		M7E III	3023	10527		R PEG		2--	85.4	-44.6
23 4 12.9	-13 8 48	SPC		-1.0 .2	-2.7 .2	-3.3 .3		5611					-S-	58.0	-61.7
23 4 29.0	+ 9 8 21	SAO	.6 .3		-1.9 .6		M1 IIIAB	3024	10528	8795	55 PEG		2--	84.6	-45.6
23 4 40.3	+25 11 53	SAO	1.4 .3				K0 IBP	3026	30506	8796	56 PEG		3--	95.1	-31.7
23 4 43.3	-25 51 59	SAO	1.4 .4	-.3 .2			M4 III	3025	-30464		AF SCL		22-	30.8	-66.7
23 6 23.0	-30 24 18	SAO	-.1 .3	-1.4 .2	-2.1 .2		M4	3029	-30465		Y SCL		C2-	19.2	-67.4
23 6 47.0	-21 26 39	SAO	.3 .3				K2 II	3030	-20629	8812	88 AQR		1--	41.8	-66.0
23 6 58.5	-16 27 17	SPC		-1.3 .2	-3.2 .2	-3.2 .3		5612					-S-	52.6	-64.0
23 6 59.9	+ 8 24 21	SAO	-.6 .3	-1.2 .4			M4S	3031	10529	8815	GZ PEG		3--	84.8	-46.5
23 7 23.1	-40 51 45	SAO	.6 .3				M3	3033	-40330E	8818	GC 32264		1--	353.6	-65.2
23 7 44.8	+33 29 48	SAO	-.4 .3	-.7 .4			M7	3034	30507		DO 22065		3--	99.9	-24.5
23 7 52.3	- 0 26 59	SPC		-.1 .2	-2.5 .2			5613					-S-	76.8	-53.7
23 8 41.5	+ 4 43 57	SAO	-.3 .3				M5 G	3039	527		DO 7959		2--	82.2	-49.8
23 9 16.0	+52 36 54	IRC	.5 .3	-.7 .4			M6 II	3041	50459		SS AND		3--	108.1	-7.1
23 9 19.2	+48 43 22	SAO	1.2 .3				M7	3042	50460		ES AND		3--	106.6	-10.7
23 9 31.1	+59 25 41	CIO	.3 .3	-.7 .4			M5.5E III	3044	60389		V CAS		3--	110.6	-.8
23 9 49.4	-35 21 16	SPC		-.8 .2	-1.8 .2			5614					-S-	6.2	-67.5

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
23 10 38.0	+63 40 6	IRC	.6 .3	-.7 .4			M7	3045	60390		CK CEP	EO	3--	112.3	3.1
23 11 .8	+66 48 14	SAO	1.5 .3				M3	3046	70193		DO 42709		4--	113.5	6.0
23 11 33.0	+61 12 30	AGL	1.5 .4	-3.0 .3	-6.4 .4	-7.2 C		3048			NGC 7538	H II	3--	111.5	.8
23 11 44.0	- 6 19 8	SAO	-.2 .3	-.2 .2			M1.5 III	3049	-10593	8834	PHI AQR		1--	70.9	-58.7
23 12 22.0	+40 31 19	SAO	1.1 .4	-1.5 .4			M5-6E III	3051	40531		TY AND		3--	103.9	-18.5
23 12 47.0	+63 55 54	IRC	1.4 .3				M6	3052	60392		DO 42753		2--	112.7	3.3
23 13 6.3	-33 18 43	SPC		-2.0 .2	-3.2 .2	-3.8 .3		5615					E? -S-	11.1	-68.5
23 13 16.4	- 9 21 38	SAO	1.4 .3				K0 III	3054	-10596	8841	PSI1 AQR		2--	67.1	-61.1
23 13 21.0	+60 50 46	JCG		-1.4 .4	-4.1 .4		M6 III	3053	60394		SHARP. 159		3--	111.6	.4
23 13 27.9	-36 13 54	SPC		-1.1 .2	-3.2 .2	-3.5 .3		5616					E? -S-	3.4	-67.9
23 13 52.0	+62 4 54	IRC	1.1 .3	-.7 .4			M5	3056	60393		DO 42787		3--	112.1	1.5
23 13 53.0	+59 45 42	AGL	1.8 .4	-.3 .5	-3.3 .4			3057			SHARP. 157		3--	111.3	-.7
23 14 4.8	-36 9 55	SPC			-1.7 .2	-2.6 .3		5617					-S-	3.5	-68.1
23 14 15.4	- 7 59 58	SAO	-.7 .3	-1.5 .2			M3 III	3058	-10597	8850	CHI AQR		C--	69.4	-60.4
23 14 16.4	+10 19 35	SAO	.1 .3	-1.1 .4			M7	3059	10531		FO PEG		2--	88.4	-45.8
23 14 34.3	+ 3 0 32	SAO	.7 .4				K0 IIIBP	3062	528	8852	GAM PSC		1--	82.5	-52.0
23 14 44.0	+60 10 6	IRC	1.7 .3	-1.0 .4			M8	3061	60395		V563 CAS		2--	111.5	-.3
23 15 25.1	+48 44 31	SAO	.1 .3	-.6 .5			M2 III	3065	50462	8860	8 AND		3--	107.5	-11.0
23 15 28.0	+40 35 6	IRC	1.2 .3				M6	3064	40533		DO 42841		2--	104.5	-18.6
23 16 7.7	-32 48 17	SAO	1.0 .3				G9 G	3066	-30468	8863	GAM SCL		2--	12.3	-69.2
23 16 27.0	+82 45 42	AGL	1.2 .3					3067			AN CEP		2--	120.0	20.7
23 16 42.4	+16 55 10	JCG	2.2 C	-3.3 .3	-5.0 .4		C	3068					3--	93.5	-40.4
23 17 9.5	+48 21 3	SAO	.6 .3				K0 III	3074	50463	8874	11 AND		3--	107.7	-11.5
23 17 13.1	+62 27 57	SAO	.5 .3				K4.5 IB	3073	60397		SVS 5702		3--	112.6	1.7
23 17 15.3	+26 0 22	CIO	-1.0 .2	-2.2 .3	-3.6 .4		M7E III	3075	30509		W PEG		3--	98.5	-32.2
23 18 .9	+ 8 38 42	SAO	.7 .3				M6.5E III	3076	10533		S PEG		2--	88.3	-47.8
23 18 22.3	+30 8 31	SAO	1.4 .3				M0 G	3078	30510	8882	63 PEG		2--	100.7	-28.5
23 18 25.0	+60 53 42	AGL		-.1 .5	-4.1 .4			3079			MP CAS		2--	112.2	.2
23 19 32.0	-10 43 54	AGL	1.2 .3					3082					1--	67.1	-63.2
23 20 9.0	-11 5 24	IRC	.6 .4	-.5 .2	-.6 W		M8	3083	-10598		SV AQR		C2-	66.7	-63.5
23 20 18.1	+59 51 33	SAO	1.3 .3	1.6 W			K5 G	3087	60401	8894	DO 42962		2--	112.1	-.9
23 20 20.0	+59 2 6	IRC	.7 .3	-1.0 .4	-.8 W		M2	3085	60402		V398 CAS		2--	111.8	-1.6
23 20 20.8	-20 22 25	SAO	1.1 .3	1.2 W			K0 G	3086	-20633	8892	98 AQR		2--	47.3	-68.6
23 21 16.0	+39 27 24	IRC	-.1 .3	-1.0 .3	-1.7 W		M7E	3088	40536		BU AND		3--	105.1	-20.1
23 21 22.0	-45 20 54	IRC		-2.3 .2	-3.5 .2	-3.3 .3		4296	-40334E		SVS 5712		C2-	341.3	-65.0
23 21 51.0	- 2 6 30	AGL	1.0 .4	.5 W	.3 W			3090					1--	79.8	-57.2
23 22 1.6	+ 3 26 22	SAO	.9 .4				M4	3089	530		DO 7994		1--	85.4	-52.7
23 22 36.3	+62 0 29	SAO	.4 .3	-.3 .5			M2 IIIAB	3091	60404	8904	4 CAS		3--	113.0	1.1
23 23 15.9	+52 42 17	SAO	1.2 .3				M4 G	3094	50464		DO 43042		2--	110.1	-7.7
23 23 25.3	-20 54 59	SAO	1.1 .3	.9 W			K5 III	3093	-20635	8906	99 AQR		2--	46.7	-69.5
23 25 45.0	+10 38 8	JCG	1.1 .3	-2.0 .3	-3.8 .4		C	3099					3--	92.2	-46.9
23 26 41.2	-23 29 40	SPC		-2.5 .2	-4.5 .2	-5.2 .3		5618				EO	-S-	40.3	-71.0
23 26 59.0	+50 57 0	IRC	1.6 .3				M8	3102	50465		SVS 8858		2--	110.1	-9.6
23 27 9.1	+51 24 35	SAO	1.3 .3	-.4 .5			M7	3104	50466		DO 43142		2--	110.2	-9.2
23 27 9.5	+38 22 4	SAO	1.3 .4				M6	3101	40538		DO 22260		2--	105.9	-21.5
23 27 49.0	+59 8 44	SAO	1.2 .3	1.8 W			M3	3107	60408		DO 43171		2--	112.7	-1.8
23 27 52.8	+60 0 15	CIO	.5 .3	-1.8 .3	-3.9 .5		M4 RED	3109	60409		V582 CAS		3--	113.0	-1.0
23 28 .9	+57 42 43	CIO	1.3 .3	-1.5 .4	-2.1 C		M3 IA	3110	60410		V358 CAS		3--	112.3	-3.2
23 28 24.7	+59 58 48	CIO	.9 .3	-1.6 .3			M3 RED	4299	60411		V530 CAS		2--	113.1	-1.1
23 29 28.6	-23 10 43	SPC			-4.1 .2	-4.5 .3		5619				EO	-S-	41.8	-71.6

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
23 30 31.1	+45 50 50	SAO	1.4 .3	-1.0 .4	-4.5 .5		M4	3112	50468		DO 43251		3--	109.0	-14.6
23 30 57.6	+22 13 22	SAO	-.4 .3	-1.2 .4			M5 IIIA	3113	20550	8940	71 PEG		2--	100.3	-36.9
23 31 24.8	+20 33 53	SAO	.9 .3	-1.3 .4			M3 G	3115	20551	8942	DO 22300		2--	99.6	-38.5
23 31 28.0	+31 2 57	SAO	1.4 .3				K4 III	3114	30513	8943	72 PEG		2--	104.1	-28.7
23 32 1.0	+43 16 30	IRC	-.3 .3	-3.5 .3	-4.6 .4		M8	3116	40540				3--	108.5	-17.1
23 32 3.1	-24 20 45	SPC		-1.5 .2	-3.4 .2	-3.8 .3		5620				EO	-S-	38.7	-72.4
23 32 47.9	+71 21 56	SAO	1.8 .4	-.4 .2			K0 IB	3117	70198	8952	DO 43318		2--	116.9	9.7
23 33 25.6	+24 17 3	SAO	1.2 .3				M1	3120	20552	8953	GC 32814		1--	101.8	-35.2
23 35 6.0	- 5 0 24	AGL	.3 .4					3123					1--	81.5	-61.5
23 35 6.5	+46 11 14	SAO	1.1 .3				G8 III	3122	50471	8961	LAM AND		3--	109.9	-14.5
23 36 1.0	+61 38 0	IRC	1.3 .3				M8	3124	60415				2--	114.4	.2
23 36 36.0	+51 59 8	SAO	-.5 .3	-1.7 .3	-3.4 .4		M6.5	3125	50474		SV CAS		3--	111.8	-9.0
23 36 53.0	+32 3 12	IRC	.6 .3	-1.2 .4			M7 III	3126	30515		HS PEG		2--	105.7	-28.1
23 37 16.5	+77 21 12	SAO	.7 .3	-.5 .2			K1 III	3127	80057	8974	GAM CEP		C--	119.0	15.3
23 38 13.0	+44 31 36	IRC	1.6 .C	.5 C			M7	4300	40542				1--	110.0	-16.3
23 38 14.0	+70 9 30	IRC	1.5 .3				M6	3128	70199		DO 43444		2--	117.0	8.4
23 39 47.0	+18 10 0	AGL	1.3 .3				M0	3131			DO 22382		1--	100.9	-41.4
23 39 58.4	+64 14 17	SAO	1.2 .3				M2 III	3133	60416	8989	GC 32927		3--	115.6	2.6
23 40 49.5	+10 3 14	SAO	.3 .3				M2 G	3135	10540	8991	77 PEG		2--	96.9	-49.1
23 41 14.2	-15 33 42	SAO	-1.9 .5	-3.9 .2	-4.4 .2	-3.7 .3	M7E	3136	-20642	8992	R AQR		C--	66.5	-70.3
23 41 36.4	+61 30 55	CIO	.1 .3	-2.6 .3	-3.9 .4		M3 IB	3138	60417		PZ CAS		3--	115.1	-.0
23 42 6.8	+56 18 39	CIO	.5 .3	-.8 .4			M7E III	3141	60418		Z CAS		2--	113.8	-5.1
23 42 10.5	+41 46 52	SAO	1.3 .3	1.3 C			M5	3140	40544		KR AND		2--	109.9	-19.1
23 42 34.0	+43 38 30	IRC	1.0 .3	-1.4 .4			M9 III	3143	40545		EY AND		2--	110.5	-17.3
23 43 41.9	+60 11 44	SAO	1.2 .3				M3	3145	60421		GC 32991		2--	115.0	-1.4
23 43 50.1	+ 3 12 34	SAO	-1.1 .3	-1.6 .2	-1.6 C		C7,2	3147	532	9004	19 PSC	TX PSC	C2-	93.3	-55.6
23 43 55.0	+54 12 54	IRC	.8 .3	-.9 .4			M7	3148	50478		RT CAS		3--	113.5	-7.2
23 44 20.9	+28 8 33	SAO	1.3 .3	-1.0 .4			M7	3150	30517		DO 22443		?--	106.1	-32.3
23 44 34.6	+57 10 25	SAO	1.5 .3				K3 II	3152	60422	9010	DO 43605		2--	114.3	-4.3
23 44 36.0	+58 22 24	SAO	1.4 .3				K1 III	4301	60423	9008	TAU CAS		1--	114.6	-3.2
23 44 43.0	+39 14 54	AGL	1.6 .3					3151					2--	109.7	-21.7
23 44 51.5	+25 51 13	SAO	1.2 .3				M6	3153	30518		SVS 8881		2--	105.4	-34.6
23 45 2.0	+68 17 36	AGL	1.8 .4	-1.5 .4	-3.9 .4			3154					3--	117.1	6.4
23 46 4.0	+63 24 36	AGL	1.3 .3					4302					1--	116.0	1.7
23 46 44.3	+68 23 26	SAO	1.9 .4				M3	5786S	70201		DO 43656		1--	117.3	6.5
23 48 21.3	+47 13 48	SAO	1.3 .3				M5-6 G	3158	50479		TZ AND		2--	112.4	-14.1
23 48 33.0	+20 7 36	AGL	.8 .3				K5	3159			DO 22483		1--	104.3	-40.3
23 48 48.0	+ 9 2 10	SAO	.8 .3				M2 IIIA	3160	10541	9030	HH PEG		1--	99.1	-50.8
23 49 13.0	+ 8 46 30	IRC	.9 .3				M5.5 S	3163	10542		DO 8089		1--	99.1	-51.0
23 49 24.1	+ 2 39 9	SAO	1.4 .3				K4 II	3164	533	9033	22 PSC		2--	95.1	-56.7
23 49 39.0	+61 32 6	IRC	.3 .3	-2.2 .2	-3.4 .2		M9	3165	60427				C--	116.0	-.3
23 49 41.0	+66 18 24	IRC	1.3 .3				M7	3170	70202				2--	117.1	4.4
23 49 56.4	+18 50 33	SAO	.5 .3				M3 IIIB	3166	20555	9036	PHI PEG		2--	104 2	-41.6
23 50 13.3	-12 17 41	SAO	1.3 .3				M3	3167	-10607				2--	77.8	-69.6
23 50 26.8	+60 43 28	SAO	1.4 .4	-1.4 .4			M2 IAB	3168	60428		TZ CAS		2--	115.9	-1.1
23 51 52.4	+57 13 17	SAO	1.6 .4	1.8 C			FVEP IA	3173	60429	9045	RHO CAS		3--	115.3	-4.5
23 52 13.0	- 0 10 7	SAO	-.2 .3	-.8 .2			M5 IIB	3174	535	9047	XZ PSC		2--	94.1	-59.5
23 52 49.8	+48 21 36	SAO	-.1 .2	-1.4 .3			M7	3176	50483		RS AND		2--	113.5	-13.2
23 53 21.1	+14 57 7	SAO	1.1 .3				M3.5 G	3177	10544		DO 22554		1--	103.6	-45.5
23 53 48.3	-19 1 36	SPC		-.2 .2	-2.5 .2	-2.5 .3		5621				EO	-S-	63.5	-74.8

Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
23 54 5.5	+70 31 35	JCG	2.0 C	-1.0 .2	-2.5 .2			3181			SHARP. 201	PLAN. NEB	C-2	118.4	8.4
23 54 8.4	+22 22 12	SAO	1.2 .3				M2.5 G	3180	20556	9055	DO 22562		2--	106.7	-38.5
23 54 19.6	-18 52 39	SPC		-.6 .2	-2.6 .2	-3.1 .3		5622				EO	-S-	64.3	-74.8
23 54 22.6	+65 7 39	SPC			-1.9 .2	-3.0 .3		5623					-?-	117.3	3.1
23 54 25.1	+32 3 32	SAO	1.4 .3				M7	3183	30521		DO 22564		2--	109.8	-29.1
23 54 38.2	+67 2 38	SPC		.3 .2	-3.1 .2	-2.8 .3		5624					-S-	117.7	5.0
23 55 7.0	+23 45 18	AGL	1.8 .3					3185			SVS 5813		1--	107.5	-37.2
23 55 12.4	+24 51 49	SAO	-.1 .3	-.5 .4			M3 III	3186	20557	9064	PSI PEG		2--	107.9	-36.2
23 55 26.0	+56 12 36	IRC	.9 .3	-.8 .3			SE	3187	60431		WY CAS		2--	115.6	-5.6
23 55 51.7	+51 6 36	SAO	-2.6 .3	-4.2 .3	-4.8 .4		M7E	3188	50484	9066	R CAS		3--	114.6	-10.6
23 56 4.0	-39 43 6	IRC	-.7 .3	-2.6 .2	-3.7 .2	-2.5 .3	M	3189	-30501E		RR PHE		C2-	341.3	-73.5
23 56 53.8	-29 45 48	SAO	1.3 .3				K5	3190	-30472	9073	GC 33266		1--	18.2	-78.3
23 57 9.5	+67 5 36	AGL		-1.6 .2	-2.1 .5	-3.6 .3		3193				EO	C--	118.0	5.0
23 57 18.0	-51 47 12	AGL		-1.7 .4	-2.9 .5			4304					1--	321.2	-63.7
23 57 32.8	+25 37 42	CIO	.7 .3	-.3 .4	-3.4 .6		M7E III	3194	30522		Z PEG		2--	108.7	-35.5
23 57 37.5	+ 1 35 6	SPC			-3.1 .2	-2.5 .3		5625					-S-	97.8	-58.5
23 58 41.9	+60 4 37	SAO	.1 .3	-.8 .2			C9,2	3196	60433		WZ CAS		C--	116.8	-1.9
23 59 9.7	+67 6 44	AGL		-1.0 .4	-4.1 .2	-5.3 .3		4305					C--	118.2	5.0
23 59 23.7	- 6 17 31	SAO	-1.0 .4	-.9 .2			M3 III	3197	-10608	9089	30 PSC	YY PSC	C--	91.6	-65.8
23 59 53.0	+56 46 12	AGL	1.4 .3					4306					1--	116.3	-5.2

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
0 0 1.0	+73 45 6	IRC	1.6 .4	.0 .2			M5	2S	70001		DO 44003		2--	119.5	11.5
0 0 15.0	+24 37 12	AGL		-.9 .4	-3.4 .5			3S					2--	109.2	-36.7
0 0 20.0	+58 17 30	AGL	1.7 .3					4S					2--	116.6	-3.7
0 0 31.0	+59 27 36	AGL	1.3 .3					4002S					1--	116.9	-2.6
0 1 40.2	+64 52 30	SAO	1.7 .4				M2	4003S	60002		DO 44055		1--	118.0	2.7
0 1 59.0	- 1 46 40	SPC			-3.3 .2			6001S				EO	-?-	97.3	-62.0
0 2 8.7	- 2 9 10	SPC			-3.3 .2			6002S				EO	-S-	97.1	-62.4
0 2 10.0	- 1 43 32	SPC				-3.2 .3		6003S				EO	-?-	97.4	-62.0
0 2 58.3	- 2 7 50	SPC				-3.7 .3		6004S				EO	-S-	97.5	-62.4
0 3 2.2	-43 15 44	SPC		-.1 .2			M3	6005S	-40001E		GC 67		-S-	330.4	-71.6
0 3 30.0	+56 3 24	AGL	1.7 .4		-3.2 .4		M	4005S			FG CAS		1--	116.6	-6.0
0 3 47.5	- 1 53 55	SPC				-3.2 .3		6006S				E?	-S-	98.1	-62.3
0 4 1.0	-32 52 30	IRC	.8 .4			-2.6 .3	M6 III	4006S	-30001		XY SCL		C*-	.9	-78.8
0 4 8.8	- 2 13 13	SPC				-3.3 .3		6007S				EO	-S-	98.0	-62.6
0 4 35.2	+ 9 24 11	SPC			-2.9 .2			6008S					-S-	105.2	-51.7
0 5 5.0	+ 1 4 24	IRC	1.9 .5				M6	4008S	1		DO 16		1--	100.9	-59.6
0 5 9.4	- 2 8 41	SPC			-3.3 .2			6009S				EO	-S-	98.6	-62.7
0 5 32.0	+ 9 15 0	SPC			-2.9 .2			6010S					-S-	105.5	-51.9
0 5 44.7	- 2 11 21	SPC		-1.6 .2				6011S				EO	-S-	98.8	-62.7
0 6 20.7	-22 27 28	SAO	1.6 .4				MA	4009S	-20002		GC 141		1--	57.7	-79.1
0 6 31.9	- 2 32 29	SPC			-2.4 .2			6012S				EO	-S-	99.0	-63.1
0 6 47.0	+ 2 23 45	SPC		-.8 .2				6013S					-S-	102.5	-58.5
0 7 21.4	- 2 50 21	SAO	1.7 .4				M2 G	4010S	3		DO 30		1--	99.1	-63.5
0 7 35.0	- 2 30 46	SPC			-2.4 .2			6014S					-S-	99.5	-63.2
0 7 42.0	+38 9 6	AGL	1.9 .3					25S					1--	114.1	-23.7
0 7 45.0	+33 23 0	AGL	1.5 .3					26S					1--	113.2	-28.4
0 7 58.0	+71 1 12	IRC	1.3 .4				M5	4011S	70004		DO 22850		1--	119.6	8.7
0 8 54.0	+ 8 28 55	SPC			-2.9 .2			6015S					-S-	106.4	-52.8
0 9 7.0	+27 57 18	AGL	1.6 .3					30S					1--	112.4	-33.8
0 9 11.0	- 6 17 48	AGL	1.0 .4					31S					1--	97.1	-66.9
0 9 18.8	+ 8 38 10	SPC			-2.9 .2			6016S					-S-	106.7	-52.7
0 9 26.7	+ 0 12 0	SPC			-2.6 .2			6017S					-S-	102.4	-60.8
0 9 33.0	+28 8 0	AGL	1.3 .3				F5	33S			SVS 102315		1--	112.5	-33.7
0 9 37.1	-18 12 58	SAO	1.4 .4				K5 III	4013S	-20005	37	GC 214		1--	76.3	-77.1
0 9 40.7	+22 16 43	SAO	1.9 .3				M5	4014S	20003		DO 8236		1--	111.2	-39.4
0 9 50.4	+ 8 19 39	SPC			-2.8 .2			6018S					-S-	106.8	-53.0
0 10 4.0	+24 52 30	AGL	1.4 .3					34S					1--	111.9	-36.9
0 10 6.0	+66 46 45	SPC				-2.7 .3		6019S					-S-	119.2	4.5
0 10 20.0	+ 0 1 49	SPC			-2.4 .2			6020S					-S-	102.7	-61.0
0 10 21.6	- 3 39 34	SAO	1.5 .5				M4	4016S	4		DO 48		1--	100.1	-64.5
0 10 24.8	+ 0 3 17	SPC		-.6 .2				6021S					-S-	102.8	-61.0
0 10 47.4	+ 0 18 20	SPC			-2.7 .2			6022S					-S-	103.1	-60.8
0 11 10.1	-26 17 57	SAO	1.1 .4				K2	4017S	-30004	42	GC 249		1--	38.3	-81.5
0 11 11.2	-23 42 29	SPC			-2.4 .2			6023S				EO	-S-	54.3	-80.7
0 11 13.9	+75 44 57	SAO	1.6 .4				M4 G	4018S	80001		DO 22946		1--	120.6	13.3
0 11 19.8	+13 45 35	SPC			-1.8 .2			6024S					-S-	109.3	-47.8
0 11 19.9	+73 6 47	SAO	1.7 .4				M4	35S	70005				3--	120.2	10.7
0 11 28.5	+ 2 32 13	SPC		-.4 .2				6025S					-S-	104.7	-58.7
0 11 38.2	+ 0 52 39	SPC			-2.8 .2			6026S					-S-	103.9	-60.3
0 11 38.7	+ 6 36 41	SPC		-.7 .2				6027S					-S-	106.8	-54.8

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
0 11 50.3	-23 45 48	SPC				-2.3 .3		6028S					-S-	54.4	-80.9
0 11 59.5	-23 55 6	SPC			-2.5 .2			6029S					-S-	53.6	-81.0
0 12 16.6	- 0 2 12	SPC			-2.2 .2			6030S					-S-	103.6	-61.3
0 12 35.6	-23 47 52	SPC			-2.4 .2			6031S					-S-	54.7	-81.0
0 12 56.0	+66 19 24	AGL	1.6 .4				M2	4019S	70006				1--	119.4	4.0
0 13 29.9	-31 41 55	SPC		-.3 .2			K5 III	6032S	-30007	57	GC 306		-S-	1.8	-81.2
0 13 53.8	-26 27 25	SPC				-3.0 .3		6033S					-S-	37.9	-82.1
0 14 20.1	-26 16 39	SPC				-2.9 .3		6034S					-S-	39.3	-82.2
0 14 26.0	- 1 34 30	AGL	1.7 .3					4020S				EO	1--	103.8	-62.9
0 14 32.0	+33 20 54	AGL	.7 .3					44S					1--	114.8	-28.7
0 14 59.8	-24 25 53	SPC			-1.3 .2			6035S					-S-	52.3	-81.8
0 15 1.0	+33 30 48	AGL	.6 .3					46S					1--	114.9	-28.6
0 15 3.8	-28 35 4	SPC			-1.7 .2			6036S					-S-	22.0	-82.4
0 15 15.7	+19 56 58	SAO	1.7 .4				M4 II	4021S	20006		DO 8306		1--	112.3	-42.0
0 15 20.2	+ 0 1 19	SPC			-2.1 .2			6037S					-S-	105.2	-61.4
0 15 43.2	-28 27 37	SPC			-2.0 .2			6038S					-S-	22.9	-82.6
0 16 9.4	- 0 23 29	SPC			-2.3 .2			6039S				E?	-?-	105.4	-61.9
0 16 52.5	-25 10 24	SPC			-2.7 .2			6040S					-S-	48.4	-82.5
0 16 56.9	- 0 8 42	SPC			-2.4 .2			6041S					-?-	105.9	-61.7
0 17 34.2	+73 0 49	SPC				-2.2 .3		6042S					--2	120.7	10.6
0 17 39.3	- 9 41 24	SPC		-1.2 .2				6043S					-?-	98.9	-70.8
0 17 59.4	+61 36 8	SAO	1.3 .3				M2 II	4022S	60007		DO 23129		1--	119.3	-.8
0 18 1.3	+ 7 54 46	SAO	1.7 .3				K3 G	4023S	10003	80	41 PSC		1--	109.9	-53.9
0 18 35.4	- 2 38 3	SAO	1.8 .4				M3	4025S	8		DO 79		1--	105.3	-64.2
0 18 45.0	+50 40 6	IRC	2.0 .4				M5	4026S	50005		DO 23164		1--	118.1	-11.6
0 18 56.0	+86 36 18	AGL	1.4 .4					4027S			SVS 45		1--	122.5	24.0
0 19 15.4	-29 38 19	SPC			-1.8 .2			6044S					-S-	12.3	-83.1
0 19 28.1	+59 26 51	SPC			-3.0 .2			6045S				EO	-S-	119.2	-2.9
0 19 47.0	+53 18 54	AGL	1.5 .3					54S					1--	118.6	-9.0
0 20 32.2	-16 13 13	SAO	1.6 .4				M2 III	58S	-20008		GC 459		2--	91.0	-77.0
0 20 52.0	-30 7 26	SAO	1.8 .4	.0 .2			M4 G	4030S	-30008		GC 463		1?-	7.5	-83.3
0 21 58.6	-19 0 59	SPC				-2.7 .3		6046S					-S-	85.1	-79.6
0 21 59.7	- 4 55 29	SAO	1.2 .4				MA	4031S	9				1--	105.8	-66.6
0 22 32.0	+48 33 42	AGL		-.8 .4				63S					2--	118.5	-13.8
0 22 40.5	+74 20 14	SPC			-1.3 .2	-2.4 .3		6047S					--4	121.2	11.8
0 25 27.0	-49 52 42	AGL		-1.7 .4				4033S					1--	312.8	-67.1
0 25 28.3	-11 56 7	SAO	-.6 .3	-.6 .2			M4	4032S	-10010		AG CET		C--	102.2	-73.6
0 25 36.6	+16 10 8	SAO	2.0 .4				K5 G	4034S	20008	106	48 PSC		1--	114.9	-46.1
0 25 42.3	- 2 3 56	SPC			-2.0 .2			6048S					-S-	109.6	-64.1
0 25 58.7	-40 11 27	SAO	1.3 .3				K5	4035S	-40006E	109	GC 558		1--	321.9	-76.4
0 26 46.6	+42 17 41	SPC		-.8 .2				6049S					-S-	118.6	-20.1
0 27 5.0	+57 0 0	AGL	1.7 .3					74S			NS CAS		2--	120.0	-5.5
0 28 14.2	+36 53 15	SPC			-3.1 .2			6050S				EO	-S-	118.4	-25.5
0 28 29.9	+28 58 25	SPC		-.6 .2				6051S					-S-	117.6	-33.4
0 28 36.7	+28 30 21	SPC		-.1 .2			M7	6052S	30011		DO 8398		-?-	117.6	-33.9
0 28 55.0	+76 18 5	SAO	1.4 .3				M7	79S	80002		DO 23435		2--	121.8	13.7
0 29 17.9	+19 22 0	SAO	1.7 .4				K5 III	4036S	20009		DO 8404		1--	116.6	-43.0
0 29 26.0	+14 19 24	IRC	1.8 .4				M5	4037S	10005		T PSC		1--	115.9	-48.0
0 30 2.0	+50 53 24	IRC	2.0 .4				M6	4038S	50009		DO 23463		1--	119.9	-11.6
0 30 51.2	+85 39 29	FIR			-2.0 .2			6053S					-**	122.6	23.1

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
0 31 12.8	-29 50 2	SAO	1.8 .4				K2 III	4039S	-30009	138	GC 665		1--	.0	-85.4
0 31 39.8	+42 14 43	SPC		-.6 .2				6054S					-S-	119.6	-20.2
0 32 29.0	+70 14 36	IRC	1.2 .4				C	86S	70009		CP CAS	EO	2--	121.6	7.7
0 32 44.6	+26 20 29	SPC				-2.6 .3		6055S					-S-	118.5	-36.1
0 33 9.4	+35 41 40	SPC			-2.4 .2			6056S					-S-	119.4	-26.8
0 33 10.3	+42 15 24	SPC		-1.0 .2				6057S					-S-	119.9	-20.2
0 33 29.5	-23 46 48	SPC			-2.1 .2			6058S					-S-	78.1	-85.0
0 33 55.6	+42 17 3	SPC		-.9 .2				6059S					-S-	120.0	-20.2
0 33 58.5	+62 51 0	SPC		.1 .2			M6	6060S	60012		TY CAS		-S-	121.3	.3
0 34 4.5	-38 24 34	SPC			-2.2 .2			6061S					-S-	317.9	-78.6
0 34 4.9	-29 37 27	SPC			-2.1 .2			6062S					-S-	358.0	-86.0
0 34 57.2	+42 12 52	SPC			-2.7 .2			6063S					-S-	120.2	-20.3
0 34 58.5	-38 37 37	SPC			-2.2 .2			6064S					-S-	316.7	-78.4
0 35 25.0	+68 18 6	IRC	1.0 .3	.2 .7			M5	91S	70011		DO 23599		2--	121.7	5.7
0 35 26.2	+42 17 8	SPC		-1.1 .2				6065S					-S-	120.3	-20.2
0 35 54.6	+48 39 21	SPC		-.5 .2				6066S					-S-	120.8	-13.9
0 36 15.6	+36 12 30	SPC			-2.8 .2			6067S				EO	-S-	120.1	-26.3
0 36 23.4	+49 4 48	SAO	1.5 .3	.4 .2			K5 G	95S	50013	164	GC 770		2*-	120.9	-13.5
0 36 32.4	+35 34 1	SPC			-3.1 .2			6068S					-S-	120.2	-27.0
0 36 52.0	-15 44 54	AGL	1.4 .3					4041S					1--	108.8	-78.0
0 37 13.4	+10 9 48	SPC				-2.3 .3		6069S					-S-	118.3	-52.3
0 37 18.3	+30 1 11	SPC				-2.6 .3		6070S					-S-	120.0	-32.5
0 37 37.0	+54 30 0	AGL	1.8 .3					4042S					1--	121.3	-8.1
0 38 58.0	-46 21 33	SAO	2.3 C				G8	4043S	-40007E	180	MUU PHE		1--	308.3	-70.
0 39 11.3	+42 3 42	SPC			-2.8 .2			6071S					-S-	121.1	-20.5
0 39 29.4	- 9 55 19	SAO	1.4 .5				M3	4044S	-10011		AI CET		1--	115.2	-72.4
0 39 56.2	-13 55 55	SPC			-1.7 .2			6072S					-S-	113.6	-76.4
0 40 18.3	-23 39 2	SPC			-2.4 .2			6073S					-S-	94.9	-85.8
0 40 37.0	+10 29 16	SPC				-2.4 .3		6074S					-S-	119.6	-52.1
0 41 16.9	+67 44 45	SPC		-.2 .2	-.7 .2			6075S					-?4	122.3	5.2
0 41 23.4	+75 31 31	SPC		-.2 .2	-.3 .2			6076S					-*4	122.5	12.9
0 41 44.0	-22 30 33	SPC			-2.7 .2			6077S					-S-	104.0	-84.8
0 41 58.0	-79 38 42	AGL			-3.4 .4			4045S					1--	303.4	-37.7
0 42 1.0	+38 51 30	AGL	1.7 .3					4046S					1--	121.5	-23.7
0 42 40.3	-19 57 27	SPC			-1.9 .2			6078S					-S-	111.7	-82.4
0 42 45.1	+24 15 50	SPC		-1.4 .2				6079S					-S-	121.2	-38.3
0 42 50.0	+58 9 12	AGL	1.4 .3					4047S					1--	122.2	-4.4
0 42 51.3	- 4 54 11	SAO	1.6 .3				M0 G	4048S	12	201	GC 905		1--	119.0	-67.5
0 42 56.0	+57 46 42	IRC	1.8 .4				M6	4049S	60018		DO 23736	EO	1--	122.2	-4.8
0 43 27.4	-22 54 6	SPC			-2.3 .2			6080S					-S-	107.1	-85.3
0 43 31.6	+48 0 11	CIO	1.9 .4				S4.5,5	4050S	50014		U CAS		1--	122.1	-14.6
0 43 47.6	-24 26 2	SPC			-2.7 .2			6081S					-S-	101.2	-86.8
0 43 50.0	-17 19 12	AGL	1.2 .3					4051S					1--	116.0	-79.8
0 44 41.0	+23 59 44	SAO	1.3 .3				K1 II	4052S	20013	215	ZET AND		1--	121.7	-38.6
0 45 8.1	+75 19 40	SPC		-.2 .2	-.8 .2	-2.2 .3		6082S					-?4	122.7	12.7
0 45 19.0	+53 16 54	IRC			-2.1 .5		M8	4053S	50015		V414 CAS		1--	122.4	-9.3
0 45 26.8	+10 18 44	SPC			-2.4 .2			6083S					-?-	121.6	-52.3
0 45 31.0	+ 8 24 24	AGL	1.6 .3					110S					1--	121.5	-54.2
0 46 11.5	+64 39 29	SPC		-.0 .2			M2 RED	6084S	60020		DO 23785		-S-	122.7	2.1
0 46 38.9	-23 20 46	SPC			-1.7 .2			6085S					-S-	115.4	-85.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
0 46 53.0	-10 54 42	AGL			-3.1 .4			4054S					1--	121.2	-73.5
0 46 54.9	-13 49 55	SAO	2.2 .4				K5 III	4055S	-10013	227	GC 984		1--	120.8	-76.4
0 47 31.0	+44 27 48	AGL	1.3 .3					4056S					1--	122.7	-18.1
0 47 32.1	-23 32 14	SPC			-2.3 .2			6086S					-S-	118.0	-86.1
0 47 52.7	-23 51 41	SPC			-2.4 .2			6087S					-?-	118.9	-86.5
0 47 53.6	+ 4 39 55	SPC		-.6 .2				6088S					-S-	122.5	-57.9
0 48 27.8	+54 0 38	SPC		-2.1 .2		-4.8 .3		6089S				EO	-S-	122.9	-8.6
0 48 33.7	-28 44 43	SPC				-2.9 .3		6090S					-S-	307.1	-88.7
0 49 17.4	+55 18 32	SPC				-3.3 .3		6091S					-S-	123.0	-7.3
0 49 24.2	+53 49 14	SPC		-1.4 .2		-4.1 .3		6092S				EO	-S-	123.1	-8.8
0 49 31.0	+47 45 12	AGL	1.6 .3					4057S					1--	123.1	-14.8
0 49 49.4	+44 51 44	SAO	1.3 .3				M4	4060S	40015		DO 23856		1--	123.2	-17.7
0 50 3.0	+53 34 48	AGL	1.5 .3					4058S			V452 CAS		1--	123.2	-9.0
0 50 13.4	-24 16 40	SAO	1.7 .4				K2 G	4059S	-20012	247	GC 1051		1--	128.1	-86.9
0 50 13.5	+54 31 36	SPC		-1.9 .2				6093S					-S-	123.2	-8.1
0 50 38.0	+52 25 0	IRC	1.6 .3				M5	125S	50018				2--	123.3	-10.2
0 50 48.6	+73 52 10	SAO	1.7 .4				M4	4061S	70014		DO 23870		1--	123.1	11.3
0 51 11.1	+ 5 9 51	SPC			-1.9 .2			6094S					-S-	124.0	-57.4
0 51 40.6	+33 27 8	SPC		-.8 .2				6095S					-S-	123.6	-29.1
0 51 48.0	+58 17 30	IRC	2.0 .4				C7,1E	4062S	60026		W CAS		1--	123.4	-4.3
0 52 26.9	+ 4 21 45	SPC			-2.3 .2			6096S					-*-	124.6	-58.2
0 53 23.0	-65 12 36	AGL		-1.6 .4				4063S					1--	302.3	-52.2
0 53 30.1	-28 2 46	SAO	1.6 .5	.3 .2			M1	4064S	-30012	268	GC 1110		1--	246.2	-88.8
0 53 31.0	-11 32 13	SAO	1.3 .5				K4 III	4065S	-10015	267	PHI3 CET		1--	127.0	-74.1
0 53 56.7	+54 15 51	SPC				-4.1 .3		6097S					-S-	123.7	-8.3
0 54 2.6	+26 4 11	SAO	1.8 .4				M7	4066S	30017		DO 8579		1--	124.4	-36.5
0 54 21.3	+55 30 54	SPC			-2.6 .2			6098S					-?-	123.8	-7.1
0 54 30.0	-60 56 30	AGL			-3.2 .4			4067S					1--	301.8	-56.4
0 54 44.6	+24 38 15	SPC				-2.9 .3		6099S					-?-	124.7	-37.9
0 55 5.0	+54 32 18	SPC		-2.6 .2				6100S				EO	-S-	123.9	-8.1
0 55 6.9	-16 55 23	SPC		-.5 .2				6101S					-S-	131.0	-79.4
0 55 16.4	+36 45 14	SPC		-1.2 .2				6102S					-S-	124.4	-25.8
0 55 52.5	+85 19 18	FIR				-2.8 .3		6103S					-?*	123.2	22.7
0 55 54.1	+24 32 39	SPC				-3.0 .3		6104S					-S-	125.0	-38.0
0 56 11.7	+24 44 1	SPC				-2.9 .3		6105S					-S-	125.1	-37.8
0 56 32.7	+42 34 55	SAO	1.8 .4				M4	4070S	40016		DO 23943		1--	124.5	-20.0
0 56 39.5	+39 21 6	SAO	1.2 .4				M7	4069S	40017		IV AND		1--	124.6	-23.2
0 56 52.9	+56 2 8	SPC			-2.9 .2			6106S					-?-	124.1	-6.5
0 56 58.0	+32 38 54	AGL	1.3 .3					139S					1--	124.9	-29.9
0 56 59.0	- 8 48 42	AGL			-4.1 .4			140S					1--	129.2	-71.3
0 57 12.6	+54 20 23	SPC		-1.6 .2				6107S					-S-	124.2	-8.2
0 57 14.6	+36 34 17	SPC		-.8 .2				6108S					-S-	124.8	-26.0
0 57 59.2	+46 39 24	SAO	1.8 .4				M4	4072S	50022		DO 23957		1--	124.6	-15.9
0 58 23.9	+ 2 12 10	SPC				-3.0 .3		6109S					-S-	127.7	-60.3
0 58 29.1	+24 31 45	SPC				-3.3 .3		6110S					-S-	125.7	-38.0
0 58 44.5	+18 8 30	SPC			-2.6 .2			6111S					-S-	126.2	-44.4
0 58 46.0	-12 19 48	AGL	1.5 .3					4073S					1--	132.1	-74.8
0 58 56.8	-22 12 6	SPC			-3.1 .2			6112S					-S-	147.0	-84.3
0 59 26.1	-22 4 24	SPC			-3.1 .2			6113S					-S-	147.5	-84.2
0 59 29.0	+69 4 6	AGL	1.9 .3					4074S					1--	123.9	6.5

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
0 59 35.0	+61 35 30	IRC	1.4 .4	-.4 .2			C4,3	146S	60034		HO CAS		2--	124.3	-1.0
0 59 48.0	+64 10 56	SPC		-.2 .2				6114S					-S-	124.2	1.6
1 0 10.0	+62 48 54	IRC	1.7 .4				M5	4075S	60035		DO 23979		2--	124.3	.2
1 0 20.7	+ 7 37 17	SAO	1.9 .5				K0 III	4076S	10009	294	EPS PSC		1--	127.9	-54.9
1 0 30.7	- 5 6 13	SAO	2.3 .5				K0 III	4077S	-10017	296	25 CET		1--	130.5	-67.5
1 1 4.4	- 7 23 41	SPC				-2.5 .3		6115S					-S-	131.7	-69.8
1 1 5.3	+52 14 6	SAO	1.3 .4				K3 III	4078S	50025	298	GC 1275		1--	124.9	-10.3
1 1 11.2	+ 9 32 34	SPC		-1.3 .2				6116S					-S-	128.0	-52.9
1 1 40.6	-22 45 12	SPC			-2.3 .2			6117S					-S-	155.4	-84.5
1 1 40.7	+24 4 41	SPC				-3.2 .3		6118S					-S-	126.7	-38.4
1 1 45.0	-31 6 57	SPC				-2.5 .3		6119S					-S-	267.0	-85.4
1 1 56.7	+62 7 52	SPC		.1 .2			M3	6120S	60037		DO 24022		-S-	124.5	-.4
1 1 56.7	+24 14 40	SPC				-3.2 .3		6121S					-S-	126.8	-38.3
1 2 7.3	+70 25 6	SPC			-.9 .2			6122S					--3	124.1	7.8
1 2 13.8	+53 29 31	SPC		-.4 .2				6123S					-*-	125.0	-9.1
1 2 31.1	+51 11 27	SPC		-.6 .2				6124S					-*-	125.2	-11.4
1 2 47.0	+19 58 54	AGL	1.5 .3					155S					1--	127.4	-42.5
1 2 59.3	+49 36 37	SPC		.3 .2			M8	6125S	50026				-*-	125.3	-12.9
1 3 4.8	-22 48 26	SPC			-3.1 .2			6126S					-S-	158.5	-84.4
1 3 55.5	+49 9 48	SPC		-.1 .2			M9	6127S	50028				-*-	125.5	-13.4
1 3 59.6	+68 48 21	SPC		-.3 .2	-.3 .2			6128S					-*4	124.4	6.2
1 3 59.9	-22 59 23	SPC			-3.3 .2			6129S					-?-	161.4	-84.4
1 4 4.9	+81 1 30	SPC				-2.1 .3		6130S					--2	123.6	18.4
1 4 10.2	+53 13 53	SAO	1.4 .4				K2 III	4080S	50027	318	GC 1343		1--	125.3	-9.3
1 4 18.7	- 6 5 26	SPC			-1.7 .2			6131S					-S-	133.4	-68.4
1 4 32.0	+45 20 30	IRC	1.3 .4	.1 .2			M4	4081S	50029		EI AND		1--	125.9	-17.2
1 4 40.0	+45 50 25	SPC				-2.5 .3		6132S					-S-	125.8	-16.7
1 5 19.2	+45 11 4	SPC		-.4 .2				6133S					-S-	126.0	-17.3
1 5 44.8	+ 9 38 30	SAO	1.8 .4				M1	4083S	10012		DO 158		1--	129.8	-52.7
1 6 47.8	+ 1 40 51	SPC			-1.7 .2			6134S					-S-	132.1	-60.6
1 7 .5	+45 34 2	SPC				-2.8 .3		6135S					-S-	126.3	-16.9
1 7 22.0	-65 24 54	AGL			-3.6 .4			4085S					1--	299.9	-51.9
1 7 32.3	+24 14 58	SPC				-2.7 .3		6136S					-S-	128.4	-38.2
1 7 36.3	+25 11 37	SAO	2.0 .5				K5 G	4084S	30020	341	GC 1415		1--	128.3	-37.2
1 7 59.0	+ 2 10 48	SAO	1.6 .4				K4 G	4086S	15	347	33 CET		1--	132.5	-60.1
1 8 29.3	+45 10 4	SPC			-2.3 .2			6137S				EO	-S-	126.6	-17.3
1 8 30.0	-33 46 36	AGL			-3.6 .5			4088S					1--	270.9	-82.4
1 8 45.6	+20 46 10	SAO	1.6 .4				G8 III	4087S	20020	351	CHI PSC		1--	129.2	-41.6
1 8 48.1	+29 49 50	SPC		-.3 .2			K0 III	6138S	30022	352	TAU PSC		-S-	128.1	-32.6
1 8 57.0	+20 46 30	AGL	1.3 .4				G8 III	4089S	20020	351	CHI PSC		1--	129.2	-41.6
1 8 58.8	- 6 25 19	SPC		-.5 .2				6139S					-S-	136.7	-68.5
1 9 23.0	+21 57 12	AGL	1.3 .3				M6E	170S			X PSC		1--	129.2	-40.4
1 9 52.0	- 1 9 6	AGL	1.6 .3					174S					1--	134.7	-63.3
1 9 52.8	+48 11 15	SPC				-2.7 .3		6140S					-S-	126.6	-14.3
1 9 54.0	-32 16 24	AGL		-1.8 .4				176S			NGC 427		2--	261.3	-83.3
1 10 51.0	+13 3 12	AGL	2.0 .3					178S					1--	131.2	-49.2
1 11 4.0	-43 9 24	AGL	1.2 .4	-3.3 .3	-3.6 .4			180S					1--	288.6	-73.6
1 11 19.7	+28 15 58	SAO	1.1 .3				M3 IIBS	4090S	30024	363	DO 8693		1--	128.9	-34.1
1 11 36.1	+48 47 45	SPC		-.8 .2				6141S				EO	-S-	126.8	-13.6
1 12 10.0	- 7 21 48	ACL	1.7 .3					4092S				EO	1--	139.4	-69.2

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
1 12 48.0	+48 59 12	AGL	.7 .3					187S					1--	127.0	-13.4
1 12 53.4	+74 56 13	SAO	1.6 .4				M5	4091S	70023		DO 24159		1--	124.6	12.4
1 14 4.0	-13 35 36	AGL	1.7 .3					4094S					1--	147.2	-75.0
1 14 37.2	+44 40 19	SPC		.3 .2			K5	6142S	40020	372	GC 1539		-?-	127.8	-17.7
1 15 54.3	+49 24 33	SPC			-2.1 .2			6143S			SVS 5909		-?-	127.5	-13.0
1 16 6.5	-29 55 5	SPC		-1.0 .2				6144S					-S-	237.6	-83.5
1 16 36.0	+ 1 16 18	AGL	1.8 .3					198S					1--	137.1	-60.6
1 16 48.0	+57 15 42	IRC	1.4 .3				M5	4095S	60045		PP CAS		1--	126.8	-5.1
1 17 38.0	+67 10 6	IRC	1.8 .4				M6.5	4096S	70025		CI CAS		1--	125.8	4.7
1 18 21.0	+18 54 54	AGL	1.4 .3					201S					1--	132.5	-43.1
1 18 21.4	- 0 35 24	SPC			-2.5 .2			6145S					-S-	138.9	-62.3
1 18 29.0	+46 16 4	SPC				-2.9 .3		6146S					-S-	128.3	-16.0
1 18 41.0	+76 37 12	AGL	1.5 .3					202S					2--	124.8	14.1
1 19 3.0	- 1 10 42	AGL	1.6 .3					204S					1--	139.6	-62.8
1 19 14.7	+11 42 15	SPC				-2.6 .3		6147S					-*-	134.6	-50.2
1 20 2.3	+ 1 27 57	SAO	2.4 .4				K4 IIIAB	4098S	18	392	GC 1657		1--	138.8	-60.2
1 20 4.0	-69 15 42	AGL			-3.2 .4			4099S					1--	298.9	-47.9
1 20 50.3	+38 33 46	SPC			-2.3 .2			6148S					-?-	129.8	-23.6
1 20 55.5	-18 11 42	SAO	1.7 .4				M3 III	4100S	-20014		GC 1682		1--	163.3	-78.2
1 21 11.4	-31 12 20	SAO	1.4 .4				K5 III	209S	-30014	400	GC 1687		2--	243.4	-82.0
1 22 11.6	+57 22 36	SAO	2.2 .4				M2	4102S	60049		DO 24312		1--	127.5	-4.9
1 22 20.0	+14 35 6	IRC	1.5 .4				M6	4101S	10016		DO 8752	EO	1--	134.9	-47.2
1 22 22.2	+67 52 12	SAO	1.4 .3				K0 IIIP	213S	70027	399	PSI CAS		2--	126.1	5.5
1 22 22.8	+74 3 26	SPC				-2.5 .3		6149S					--3	125.3	11.6
1 22 35.6	+25 23 49	SPC				-3.5 .3		6150S					-S-	132.5	-36.6
1 22 51.1	+26 22 50	SPC		-.8 .2				6151S					-S-	132.3	-35.6
1 23 5.0	-46 11 12	SAO	1.9 .4				M3	4103S	-40009E		AL PHE		1--	285.5	-70.0
1 23 34.0	+54 53 48	SPC		.2 .2			M8	6152S	50035		IK CAS		-S-	128.0	-7.4
1 23 49.0	-17 13 18	AGL	1.5 .3					4105S					1--	163.1	-77.0
1 25 16.5	+26 14 25	SPC		-.6 .2				6153S					-S-	133.0	-35.7
1 25 29.5	+10 25 36	SPC			-1.9 .2			6154S					-?-	137.4	-51.2
1 25 39.0	+ 7 39 18	AGL	1.6 .4					4108S			SVS 100115		1--	138.5	-53.8
1 25 51.2	+10 35 25	SPC			-2.0 .2			6155S					-?-	137.5	-51.0
1 26 .5	+61 30 12	SAO	1.6 .4				M2	4109S	60051		DO 24366		1--	127.4	-.8
1 26 .9	+26 17 22	SPC		-.3 .2				6156S					-S-	133.2	-35.6
1 26 2.0	+79 25 18	AGL	1.6 .4				M5	221S	80003		DO 24400		2--	124.8	16.9
1 26 7.0	+84 2 25	FIR			-2.4 .2			6157S					-**	124.0	21.5
1 26 25.2	+26 7 47	SPC		-.3 .2				6158S					-?-	133.4	-35.7
1 26 36.0	+35 40 6	AGL	1.7 .3					222S					1--	131.5	-26.3
1 26 40.0	+46 24 59	SPC		.1 .2			M2	6159S	50037		CE AND		-?-	129.7	-15.7
1 27 19.0	-47 3 24	AGL	.7 .4				M4 G	4111S		435	GC 1813	EO	1--	264.6	-69.0
1 28 4.6	+84 12 57	FIR			-2.2 .2			6160S					-**	124.1	21.7
1 28 6.5	+14 45 52	SAO	1.5 .4				M5	4112S	10018		DO 8792		1--	136.9	-46.8
1 29 8.1	+15 22 5	SAO	1.3 .4				M5	4113S	20027		DO 8798		1--	137.0	-46.1
1 30 6.0	+77 18 54	AGL	1.4 .3					4115S					1--	125.3	14.9
1 30 9.9	+58 4 16	SAO	1.7 .4				K3 IB	4114S	60055	439	GC 1870		1--	128.4	-4.1
1 30 17.1	+57 30 23	SPC		-.4 .2			C5,5	6161S	60056		WW CAS		-?-	128.5	-4.6
1 30 25.1	- 0 7 47	SAO	1.8 .4				M3	4116S	20		DO 242		1--	144.7	-61.0
1 30 38.7	+58 58 35	SAO	1.4 .4				G8 III	4117S	60057	442	CHI CAS		1--	128.4	-3.2
1 30 54.6	+33 18 59	SPC		-.3 .2				6162S					-S-	133.0	-28.5

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
1 31 5.2	+ 4 11 41	SPC		-.6 .2				6163S					-?-	142.4	-56.8
1 31 48.0	+15 6 0	AGL	1.6 .3					232S					1--	138.0	-46.3
1 31 59.0	-19 13 36	IRC	2.0 .4				M7	4119S	-20015		AP CET		1--	175.6	-77.2
1 32 6.4	+18 12 21	SAO	1.5 .4				M2 IIIAB	4121S	20028	450	DO 8822	EO	1--	137.1	-43.2
1 32 13.0	+37 55 42	IRC	2.1 .5				M6	4118S	40023		DO 8820		1--	132.3	-23.9
1 32 13.1	+50 26 38	SPC				-2.3 .3		6164S					-S-	130.0	-11.6
1 32 15.0	+12 20 48	AGL	2.1 .4		-3.7 .6			4120S			SVS 100123		1--	139.2	-48.9
1 32 24.4	+10 45 0	SPC		-2.2 .2		-4.4 .3		6165S					-S-	139.9	-50.4
1 33 32.6	-15 39 19	SAO	1.6 .3				K2 III	4122S	-20016	459	50 CET		1--	166.6	-74.4
1 33 45.2	-36 42 30	SAO	1.1 .4				MA	4123S	-30013E				1--	260.3	-76.7
1 35 19.9	- 3 41 40	SAO	2.0 .4				K5	4124S	21		GC 1975		1--	150.0	-63.8
1 35 20.0	+ 8 25 18	AGL	1.4 .3					239S					1--	142.0	-52.5
1 36 1.0	+ 1 6 54	IRC	1.5 .3				M7 G	4125S	22		SW CET		1--	146.5	-59.3
1 36 28.3	+60 38 57	SAO	1.4 .4				M2 III	4127S	60060		DO 24581		1--	128.8	-1.4
1 36 30.0	-18 13 24	AGL	1.2 .3					4126S			UV CET		1--	175.5	-75.7
1 37 0.0	+ 8 40 42	AGL	1.7 .3					241S					1--	142.5	-52.1
1 37 28.0	+55 47 24	AGL	1.4 .3					242S					1--	129.8	-6.2
1 37 32.0	- 2 7 6	AGL	1.6 .3					4128S					1--	149.7	-62.2
1 38 22.7	+61 10 10	SPC			-1.7 .2		OB+M0E	6166S			AZ CAS		-S?	128.9	-.9
1 39 4.4	- 3 22 29	SAO	1.6 .4				M3	4130S	23		DO 275		1--	151.6	-63.2
1 39 49.7	+43 55 54	SPC			-2.4 .2			6167S					-S-	132.6	-17.7
1 40 5.0	+48 15 55	SAO	1.7 .4				M2 IB	4131S	50043		DO 24681		1--	131.7	-13.5
1 40 11.7	- 3 56 29	SAO	1.4 .4				K3 II	4133S	24	500	GC 2093		1--	152.7	-63.6
1 40 17.0	+58 33 0	IRC	1.8 .4				M6	4132S	60062		DO 24682		1--	129.7	-3.4
1 41 44.7	-16 12 0	SAO	1.4 .5				G8 VP	4135S	-20018	509	TAU CET		1--	173.2	-73.4
1 42 21.1	+44 6 41	SPC				-2.9 .3		6168S					-S-	133.0	-17.5
1 42 39.0	+60 44 37	SAO	1.7 .4				M3 IAB	4136S	60063		V589 CAS		1--	129.5	-1.2
1 42 45.0	+ 8 54 25	SAO	1.8 .4				G8 III	4137S	10021	510	OMI PSC	EO	1--	144.6	-51.4
1 43 28.5	- 5 58 58	SAO	.9 .3				K4 III	4138S	-10024	513	GC 2148		1--	156.6	-65.0
1 43 41.0	+62 19 6	IRC	1.5 .4		-.7 .2		M4	4139S	60065		BX CAS		1?*	129.3	.4
1 43 50.4	+72 31 24	SPC			-1.9 .2	-2.3 .3		6169S					--4	127.1	10.4
1 44 11.8	+13 28 0	SPC			-2.1 .2			6170S					-S-	142.9	-47.0
1 44 20.0	-42 29 30	AGL		-2.3 .4	-3.6 .5			4140S					1--	269.9	-71.2
1 44 48.0	-25 35 54	AGL			-3.9 .4			4141S					1--	208.0	-77.4
1 45 41.0	-46 27 6	AGL	1.9 .4			-6.7 .6	M0	4142S			GC 2189		1--	276.3	-67.9
1 45 56.5	+33 53 39	SAO	.9 .3	-.1 .2			M6	4143S	30030		DO 8929		1--	136.3	-27.2
1 46 6.0	+70 53 14	SPC		-.0 .2	-.9 .2			6171S					-?4	127.7	8.8
1 47 52.1	+26 12 27	SPC			-3.0 .2			6172S					-?-	139.1	-34.6
1 48 11.4	+37 46 38	SAO	1.4 .4				M6	4144S	40028		DO 8946		1--	135.7	-23.4
1 48 16.9	+12 57 26	SPC			-1.2 .2			6173S					-S-	144.5	-47.2
1 48 58.6	+43 38 45	SPC			-2.3 .2			6174S					-S-	134.3	-17.6
1 49 10.7	+43 50 22	SPC			-2.3 .2			6175S					-S-	134.3	-17.4
1 49 18.0	+12 49 45	SPC			-2.1 .2			6176S					-S-	144.9	-47.2
1 50 24.5	+68 56 14	SAO	1.5 .4				M3	4146S	70031		DO 24930		1--	128.5	7.0
1 50 24.5	+21 53 19	SPC			-2.9 .2			6177S					-?-	141.3	-38.5
1 51 11.7	+20 14 3	SPC				-4.1 .3		6178S					-S-	142.2	-40.0
1 51 16.3	+34 30 13	SPC			-2.4 .2			6179S					-S-	137.3	-26.4
1 51 25.0	+ 6 46 36	AGL	1.2 .3					260S					1--	149.1	-52.6
1 51 31.0	+20 24 6	SPC				-4.2 .3		6180S					-S-	142.2	-39.9
1 51 33.3	+21 27 8	SPC				-4.1 .3		6181S					-S-	141.8	-38.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
1 52 10.0	-31 52 24	AGL		-1.4 .4				263S					1--	234.9	-75.6
1 52 16.8	+20 7 9	SPC				-3.9 .3		6182S					-S-	142.5	-40.1
1 52 17.0	+ 6 58 36	AGL	1.3 .3		-3.4 .4			264S					1--	149.3	-52.4
1 52 19.5	+61 56 37	SPC		-.7 .2			M6	6183S	60068		DO 24996		-S-	130.4	.3
1 52 28.0	+ 7 42 36	AGL	1.5 .3					267S					1--	148.9	-51.7
1 52 35.9	- 3 39 30	SPC				-3.1 .3		6184S					EO -?-	158.4	-61.8
1 52 56.4	+37 2 1	SAO	1.6 .4				K5 III	4149S	40033	556	GC 2322		1--	136.9	-23.8
1 52 57.0	- 3 51 18	SPC			-2.0 .2			6185S					-?-	158.8	-61.9
1 52 59.0	+43 32 24	AGL	1.2 .3					269S					1--	135.1	-17.6
1 53 8.0	+59 1 6	IRC	1.7 .4				C5.4E	270S	60069		X CAS		2--	131.2	-2.6
1 53 20.0	- 3 57 53	SPC		-1.1 .2				6186S					-S-	159.0	-62.0
1 53 29.3	- 3 38 35	SPC			-1.8 .2			6187S					-?-	158.8	-61.7
1 54 .3	+35 53 43	SPC		-.2 .2				6188S					-S-	137.5	-24.9
1 54 34.4	- 3 59 57	SPC			-3.0 .2			6189S					EO -S-	159.6	-61.9
1 54 40.1	- 3 57 41	SPC				-3.6 .3		6190S					EO -S-	159.6	-61.8
1 54 45.3	+20 2 52	SPC				-4.3 .3		6191S					-S-	143.3	-40.0
1 55 .6	+59 1 34	SAO	1.3 .4				M2 IAB	4151S	60070		DO 25064		1--	131.4	-2.5
1 55 14.0	-70 23 0	AGL		-1.8 .4				4150S					1--	295.1	-46.0
1 55 54.1	+75 42 40	SAO	1.7 .4				M0	282S	80004		SVS 100153		3--	127.2	13.7
1 55 56.7	+11 34 37	SPC		-.7 .2				6192S					-S-	147.8	-47.8
1 56 11.0	+11 23 20	SPC		-.9 .2				6193S					EO -S-	148.0	-47.9
1 56 57.9	- 6 33 46	SPC			-2.4 .2			6194S					-S-	163.8	-63.6
1 57 9.8	- 4 17 2	SPC			-2.5 .2			6195S					-S-	161.1	-61.7
1 57 41.9	- 4 26 0	SPC		-.9 .2				6196S					-S-	161.5	-61.8
1 57 42.2	- 4 19 56	SPC			-1.3 .2			6197S					-S-	161.4	-61.7
1 58 .4	+34 16 11	SPC			-2.2 .2			6198S					-S-	138.9	-26.2
1 58 7.2	+12 5 46	SPC		-.3 .2				6199S					E? -S-	148.3	-47.1
1 58 27.1	+71 3 26	SAO	1.9 .4	.0 .2			M4	288S	70033		V393 CAS		2*-	128.6	9.2
1 58 32.3	- 4 47 14	SPC			-1.9 .2			6200S					-S-	162.3	-62.0
1 58 44.8	- 4 32 57	SPC		-.5 .2				6201S					-S-	162.1	-61.7
1 59 1.1	+34 0 26	SPC			-2.3 .2			6202S					-?-	139.2	-26.4
1 59 4.8	- 4 27 14	SPC			-1.9 .2			6203S					-S-	162.2	-61.6
1 59 16.8	+34 10 35	SPC			-2.3 .2			6204S					-?-	139.2	-26.2
1 59 24.3	- 0 44 20	SPC			-1.8 .2			6205S					E? -?-	158.3	-58.4
1 59 34.0	- 7 33 30	AGL	1.6 .3					4155S					1--	166.4	-64.1
1 59 41.0	+16 2 30	IRC	1.3 .3	.0 .2	-1.1 .2		M6	4156S	20036		RY ARI		1--	146.6	-43.3
2 0 20.0	-45 36 12	AGL		-2.1 .4				293S					1--	269.8	-66.9
2 0 20.2	- 4 20 18	SPC			-2.3 .2			6206S					-?-	162.6	-61.3
2 0 22.9	- 7 18 36	SPC			-1.5 .2			6207S					-S-	166.4	-63.7
2 0 36.7	+36 57 21	SPC			-2.3 .2			6208S					-S-	138.5	-23.5
2 1 40.0	-10 40 36	AGL	1.3 .3					4158S					1--	172.1	-66.1
2 1 45.8	-12 5 56	SAO	1.8 .3				K0	4157S	-10031		GC 2499		1--	174.7	-67.1
2 1 57.1	+36 52 37	SPC			-3.2 .2			6209S					-S-	138.8	-23.5
2 2 13.0	+37 3 18	SPC			-3.2 .2			6210S					-S-	138.8	-23.3
2 2 16.0	- 3 4 24	AGL	1.8 .3					4159S					1--	161.9	-60.0
2 2 23.6	-17 31 34	SAO	1.6 .4				M0	4160S	-20026				1--	186.6	-70.4
2 2 37.0	+25 37 32	SPC		-.3 .2				6211S					-S-	143.1	-34.1
2 2 39.4	- 7 27 53	SPC			-2.5 .2			6212S					-?-	167.6	-63.5
2 2 41.0	+41 38 9	SPC				-2.8 .3		6213S					-S-	137.5	-18.9
2 2 55.9	- 0 31 28	SPC		-1.4 .2				6214S					EO -S-	159.5	-57.8

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
2 2 56.8	- 0 53 49	SPC			-2.2 .2			6215S					-S-	159.9	-58.1
2 3 8.4	+ 4 51 42	SPC		-.2 .2				6216S					-?-	154.8	-53.1
2 3 17.4	+36 47 49	SPC			-3.2 .2			6217S					-?-	139.1	-23.5
2 3 33.5	+36 58 32	SPC			-3.3 .2			6218S					-?-	139.1	-23.3
2 4 5.4	- 0 33 26	SPC		-1.0 .2				6219S					EO -S-	160.0	-57.7
2 4 9.3	-39 46 36	SAO	1.9 .5		-3.6 .5		M0	4161S	-30015E		GC 2537			256.3	-70.1
2 4 41.0	+59 1 30	IRC	1.6 .3				M7	298S	60073		1,135			132.6	-2.2
2 4 54.0	- 0 28 36	AGL	1.3 .3					4162S						160.2	-57.5
2 5 11.1	+ 4 50 2	SPC			-2.4 .2			6220S					EO -S-	155.6	-52.9
2 5 35.3	+ 4 43 41	SPC			-3.3 .2			6221S					EO -S-	155.8	-52.9
2 6 7.0	+ 4 40 38	SPC				-3.2 .3		6222S					-S-	156.1	-52.9
2 6 8.0	-11 57 42	AGL	1.5 .3					4163S						176.3	-66.2
2 6 21.0	- 4 53 24	AGL	1.2 .3					4164S						165.7	-60.9
2 6 32.1	+ 4 34 42	SPC				-2.9 .3		6223S					-S-	156.3	-52.9
2 6 33.8	+ 5 25 55	SPC			-3.8 .2			6224S					EO -S-	155.6	-52.2
7 16.0	-13 58 12	AGL	1.5 .3					4165S						180.6	-67.4
7 20.0	+48 45 48	SPC		.1 .2			M5 G	6225S	50055		RV AND		-?-	136.0	-11.8
2 7 37.0	+ 4 29 11	SPC				-3.4 .3		6226S					E? -S-	156.8	-52.9
2 7 44.0	+ 6 13 35	SPC				-3.9 .3		6227S					EO -S-	155.4	-51.4
2 7 56.3	+15 49 16	SPC			-2.0 .2			6228S					-?-	149.2	-42.7
2 8 10.0	+ 5 34 3	SPC				-4.0 .3		6229S					EO -S-	156.1	-51.9
2 8 11.0	+22 14 42	AGL	1.3 .3					304S						146.0	-36.8
2 8 20.0	+ 5 55 22	SPC				-4.3 .3		6230S					EO -S-	155.9	-51.6
2 8 56.9	+ 5 37 38	SPC				-4.3 .3		6231S					EO -S-	156.3	-51.7
2 9 14.0	-27 0 36	AGL			-3.9 .4			4167S						216.4	-72.2
2 9 27.0	-23 55 0	IRC	1.2 .4	-.5 .4			M6	4168S	-20029					206.6	-71.6
2 9 47.2	+42 48 59	SPC		-.6 .2				6232S					-S-	138.4	-17.4
2 10 4.5	+43 59 54	SAO	1.5 .4				K4 III	4169S	40036	643	60 AND		EO	138.0	-16.2
2 10 11.3	+58 3 13	SPC		-.7 .2				6233S					-S-	133.6	-2.9
2 10 19.4	+15 2 47	SAO	1.5 .4				M0 III	4170S	20043	648	19 ARI			150.4	-43.2
2 10 29.9	+ 4 53 43	SPC			-1.9 .2			6234S					-S-	157.5	-52.2
2 10 35.0	+35 16 14	SPC				-3.0 .3		6235S					-S-	141.2	-24.4
2 11 23.0	- 5 47 12	AGL	1.6 .3					4171S						168.9	-60.8
2 11 43.0	-19 47 54	AGL	1.3 .3		-3.3 .5			4172S						195.6	-69.6
2 11 46.9	+40 1 17	SPC		-1.4 .2				6236S					-S-	139.7	-19.9
2 12 40.0	+67 3 8	SAO	1.6 .4				K4 II	4173S	70034		DO 25476			131.0	5.8
2 13 1.2	- 4 2 23	SPC			-3.6 .2			6237S					EO -S-	167.3	-59.2
2 13 5.3	+ 7 9 53	SPC			-3.0 .2			6238S					-S-	156.5	-49.9
2 13 14.0	+75 6 54	AGL		-.6 .4				4174S						128.4	13.4
2 13 18.0	-23 36 2	SAO	1.5 .4				M3	4175S	-20030		GC 2720			206.4	-70.6
2 13 35.0	-25 48 48	AGL	1.4 .3	-1.3 .4				4177S						213.0	-71.0
2 13 39.0	-20 45 0	IRC	1.8 .4		-3.4 .5		M5E	4176S	-20031		RY CET			198.6	-69.6
2 14 20.0	+58 0 49	SPC		-.8 .2				6239S					-S-	134.1	-2.7
2 14 45.8	- 2 47 24	SPC			-2.3 .2			6240S					-?-	166.5	-58.0
2 15 5.6	+28 46 52	SPC		-.3 .2			M0 III	6241S	30037		GC 2762		-S-	144.8	-30.2
2 15 43.0	- 1 33 36	AGL	1.3 .3					4180S						165.5	-56.8
2 15 43.0	+63 56 0	IRC	1.4 .3				M5	315S	60080		DO 25546			132.4	2.9
2 15 43.3	+32 34 32	SPC			-1.4 .2			6242S					-S-	143.4	-26.6
2 16 2.2	+32 45 20	SPC			-1.4 .2			6243S					-S-	143.4	-26.4
2 16 31.2	+49 12 6	SPC			-2.5 .2			6244S					-S-	137.4	-10.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
2 16 43.3	+46 8 1	SPC				-2.7 .3		6245S				E?	-?-	138.5	-13.8
2 17 3.0	-19 2 18	AGL	1.7 .3					4183S					1--	195.2	-68.2
2 17 38.0	-12 29 30	AGL	1.4 .3					4184S					1--	181.7	-64.5
2 17 47.0	+60 32 6	AGL	1.4 .4					4185S					2--	133.7	-.2
2 17 48.0	-22 45 54	AGL	1.6 .3					4186S					1--	204.9	-69.4
2 18 24.2	+23 11 55	SAO	1.6 .4				M7	4187S	20044		DO 9202		1--	148.3	-35.0
2 19 9.3	+57 45 8	SPC			-2.0 .2	-2.5 .3		6246S			DK PER	E?	-04	134.8	-2.8
2 19 24.4	+75 6 9	SPC				-2.5 .3		6247S					--3	128.8	13.5
2 19 26.0	+70 45 24	AGL		-.9 .4			M3	324S			DO 25605		1--	130.4	9.5
2 19 34.3	- 3 30 14	SPC			-1.4 .2			6248S					-S-	169.1	-57.8
2 19 46.0	+32 27 50	SPC			-2.7 .2			6249S					-*-	144.3	-26.4
2 20 15.8	-10 25 46	SAO	2.2 .4				M3	4190S	-10034		TZ CET		1--	179.1	-62.6
2 20 31.0	- 9 24 24	AGL	1.4 .3					4191S					1--	177.5	-61.9
2 20 35.0	- 3 3 30	AGL	1.3 .3					4192S					1--	168.9	-57.3
2 22 16.2	+52 21 9	SPC		-1.3 .2				6250S					-S-	137.1	-7.7
2 22 43.0	-13 23 0	AGL	1.3 .3					4193S					1--	185.0	-64.0
2 22 50.0	+37 53 24	IRC	1.7 .4				S8,8	4194S	40040		BI AND		1--	142.7	-21.1
2 23 28.7	- 0 24 11	SAO		.2 .2			M4.5E	4195S	32		R CET		1--	167.0	-54.8
2 24 11.4	+36 44 35	SAO	1.1 .4				M6	4196S	40041		DO 9273		1--	143.4	-22.1
2 24 34.1	+26 45 23	SPC		.1 .2			K6	6251S	30042	711	GC 2940		-S-	148.0	-31.2
2 26 42.9	+15 49 12	SPC		.3 .2		-1.6 .3	M5	6252S	20045		TW ARI		-S-	154.7	-40.7
2 28 12.0	-34 34 6	AGL		-1.2 .4				4198S			IC 1813		1--	237.8	-67.6
2 28 43.9	+49 57 36	SAO	1.4 .4				M6	4199S	50066		DO 25844		1--	139.0	-9.5
2 29 2.5	+35 55 36	SAO	1.3 .4	.7 .2			K5 III	4200S	40043	736	14 TRI		1--	144.7	-22.4
2 29 7.9	+54 4 45	SPC		-.2 .2	-1.1 .2	-2.2 .3	M6	6253S	50067				-04	137.4	-5.7
2 29 11.9	+ 4 37 4	SPC			-2.0 .2			6254S					-S-	163.9	-49.9
2 30 18.0	-16 56 6	IRC	1.6 .4		-4.6 .5		M5	346S	-20034				2--	194.2	-64.4
2 30 29.0	-70 39 54	AGL		-2.0 .4				4201S					1--	291.5	-44.4
2 30 31.0	- 5 42 48	AGL	1.5 .3					4202S					1--	175.7	-57.6
2 31 49.0	- 3 49 0	AGL	1.5 .3					4204S					1--	173.7	-56.0
2 31 57.0	+67 44 54	IRC	1.8 .4				M3	4203S	70036		DO 25906		2--	132.5	7.1
2 31 59.0	-34 48 48	AGL			-3.6 .4			4206S			SVS 231		1--	238.0	-66.8
2 32 11.0	+22 15 0	IRC	1.8 .4				M4	4205S	20046		DO 9403		1--	152.2	-34.4
2 32 33.4	+37 5 41	SAO	1.8 .3				K4 G	4207S	40045	748	DO 9405		1--	144.9	-21.1
2 33 14.8	+ 5 22 34	SAO	1.7 .4				G8 III	4208S	10030	754	NUU CET		1--	164.5	-48.7
2 33 29.3	+65 31 44	SAO	1.5 .4				K5 III	4209S	70037	747	GC 3125		1--	133.6	5.1
2 34 42.8	-36 2 42	SAO	1.3 .4		-3.6 .4		MA	4211S	-30019E				1--	240.7	-66.0
2 35 3.0	- 3 0 0	AGL	1.3 .3					4212S					1--	173.7	-54.8
2 35 34.5	+27 18 0	SAO	1.7 .4				M6	4214S	30045		DO 9441		1--	150.3	-29.6
2 35 45.0	-14 37 12	AGL		-1.0 .4				4215S					1--	191.2	-62.1
2 36 30.0	+55 45 18	AGL	1.4 .3					362S					1--	137.8	-3.7
2 38 16.0	+62 3 18	AGL	1.6 .4					368S					2--	135.4	2.1
2 38 27.4	+34 18 10	SAO	.9 .3	-1.0 .2			M4 II	4217S	30047		W TRI		1--	147.4	-23.1
2 38 41.6	-40 4 7	SAO	1.2 .4				K0	4216S	-40017E	794	IOT ERI		1--	249.3	-64.1
2 38 48.7	+ 5 49 26	SPC		.2 .2			K2	6255S	10031		GC 3233		-S-	165.7	-47.5
2 39 34.0	-26 15 18	AGL	1.8 .4					4218S			W FOR		2--	216.7	-65.4
2 39 41.7	-22 49 6	SAO	1.5 .4				M5	4219S	-20036		AT CET		1--	208.8	-64.6
2 40 1.0	-23 50 42	AGL	1.5 .3					370S					2--	211.2	-64.8
2 40 51.5	+17 20 13	SAO	.9 .4				M5	4221S	20048		DO 9496		1--	157.4	-37.7
2 41 41.9	+ 7 22 48	SPC			-2.5 .2			6256S					-S-	165.2	-45.8

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
2 42 2.2	+ 6 57 34	SPC			-2.1 .2			6257S					-S-	165.7	-46.1
2 42 14.7	+ 8 28 50	SPC			-2.4 .2			6258S					-S-	164.4	-44.8
2 42 15.4	+ 6 12 12	SPC			-1.5 .2			6259S					-S-	166.4	-46.7
2 43 0.0	- 1 29 42	AGL	1.3 .3	-2.4 .5				4222S					2--	174.4	-52.4
2 43 0.0	+ 6 48 54	SPC			-2.8 .2			6260S					-S-	166.1	-46.1
2 43 4.7	-14 12 3	SAO	1.5 .5				M2	4224S	-10039				1--	192.4	-60.4
2 43 17.0	+71 45 36	IRC	1.8 .5				M5	4223S	70038		DO 26139		1--	131.8	11.1
2 44 11.7	+ 5 55 17	SPC			-2.3 .2			6261S					-S-	167.2	-46.6
2 44 23.0	-17 10 6	AGL	1.5 .3					4225S					1--	198.1	-61.5
2 45 54.0	+62 38 0	SPC		-.3 .2				6262S			SVS 100225		-S-	136.0	3.0
2 46 18.0	-19 17 18	AGL	1.4 .3					4226S					1--	202.5	-62.0
2 46 32.2	- 4 25 55	SAO	1.6 .4				M2	4227S	34		DO 480		1--	178.9	-53.8
2 47 19.0	+51 52 30	IRC	1.4 .4				M7	4228S	50075		DO 26264		1--	140.9	-6.6
2 47 29.0	-15 52 0	AGL	1.6 .3					4229S				EO	1--	196.4	-60.3
2 48 50.8	+63 37 20	SPC		.4 .2		-2.2 .3		6263S					-*4	135.9	4.0
2 49 4.0	+47 16 48	AGL	1.4 .3					388S					1--	143.2	-10.6
2 49 11.8	-41 10 6	SAO	1.7 .5		-3.6 .5		K5	4230S	-40019E		GC 3436		1--	250.0	-61.8
2 49 41.2	+39 57 48	SPC				-3.0 .3		6264S					-S-	146.8	-17.0
2 49 44.3	+44 58 3	SPC			-.9 .2	-2.3 .3		6265S					-?4	144.4	-12.6
2 49 48.0	+27 43 12	AGL	1.4 .3					391S					1--	153.2	-27.7
2 49 54.1	+77 11 16	SPC			-1.2 .2	-2.6 .3		6266S					-04	129.7	16.2
2 50 41.9	+52 33 34	SAO	1.6 .4				G5 G	4231S	50077	854	TAU PER		1--	141.0	-5.7
2 51 16.9	+50 8 49	SPC		.2 .2	-1.1 .2			6267S					-?4	142.2	-7.8
2 53 19.5	+51 3 38	SAO	1.7 .4				K5 III	4233S	50079	864	DO 26438		1--	142.1	-6.9
2 53 42.0	- 6 13 36	IRC	1.6 .4	-1.3 .5	-3.1 .4		M6	4234S	-10042				1--	183.2	-53.6
2 55 16.0	-12 13 48	AGL			-3.7 .5			4235S					2--	192.1	-56.8
2 55 27.0	+38 2 2	SPC		-1.3 .2				6268S					-S-	148.8	-18.2
2 55 48.8	+78 45 0	SPC			-1.6 .2	-2.5 .3		6269S					-?4	129.2	17.7
2 55 52.2	-23 48 22	SAO	1.6 .5				K2 G	4236S	-20038	889	6 ERI		1--	213.0	-61.2
2 55 57.3	+34 59 3	SAO	1.1 .4				K2 III	4237S	30054	882	24 PER		1--	150.5	-20.8
2 58 1.2	+10 40 25	SAO	1.9 .4				M2	4239S	10035	902	DO 496		1--	166.8	-40.7
2 58 8.0	-13 8 30	AGL	1.8 .3					4240S				EO	1--	194.2	-56.7
2 59 45.0	- 5 8 18	AGL	1.6 .3					4241S					1--	183.3	-51.8
3 0 13.0	- 7 54 12	AGL	1.6 .3					4242S			SVS 102400		1--	187.1	-53.4
3 0 36.0	+38 44 30	AGL	.8 .3				M1	424S			DO 9696		1--	149.3	-17.1
3 1 13.7	+51 44 9	SPC			-1.3 .2	-2.5 .3		6270S					--4	142.8	-5.7
3 1 18.0	+35 40 42	IRC	1.6 .4				M5	4243S	40053		DO 9709		2--	151.1	-19.6
3 1 33.6	+10 44 1	SPC		-.7 .2				6271S					-S-	167.6	-40.1
3 1 37.5	+39 23 10	SPC		-.0 .2	-.2 .2			6272S					-*4	149.1	-16.4
3 1 39.0	-15 24 0	AGL	1.7 .4		-2.9 .5			4244S					1--	198.6	-57.0
3 1 51.0	-12 59 24	AGL		-1.3 .4				4245S					1--	194.8	-55.8
3 2 15.4	+11 53 51	SPC				-2.6 .3		6273S					-S-	166.9	-39.1
3 2 22.0	-26 0 48	AGL	1.3 .3					4246S					1--	218.1	-60.3
3 3 33.4	+11 28 22	SAO	1.1 .4				M1 III	4248S	10037		DO 507		1--	167.5	-39.3
3 4 8.0	+66 11 36	AGL	1.4 .3					4250S					1--	136.1	7.1
3 5 5.0	-11 10 12	AGL	1.4 .3					4251S					1--	192.8	-54.2
3 5 34.0	-24 13 30	AGL	1.5 .3					445S					2--	214.9	-59.2
3 6 28.1	-26 38 12	SAO	1.6 .4				M3	4252S	-30027			EO	1--	219.6	-59.5
3 6 34.9	+41 18 34	SPC				-2.2 .3		6274S					--2	149.0	-14.3
3 7 21.1	+36 56 32	SPC			-1.4 .2	-2.5 .3		6275S					-?4	151.5	-17.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
3 8 3.2	+39 25 23	SAO	1.8 .4				K0 III	4253S	40058	947	OME PER		1--	150.2	-15.7
3 8 11.5	+37 52 54	SAO	1.7 .5	.3 .2			M6	4254S	40059		DO 9774		1--	151.1	-17.0
3 8 19.0	-21 53 18	AGL	1.5 .3					4255S					1--	210.9	-58.0
3 8 27.4	+54 17 6	SPC			-1.0 .2			6276S					--3	142.5	-3.0
3 8 48.4	- 3 59 59	SAO	1.0 .3	-.1 .4			M1 G	4256S	40	955	GC 3806		1--	184.2	-49.3
3 9 3.0	-23 52 30	IRC	1.5 .4				M7	4257S	-20039		TW ERI		1--	214.6	-58.3
3 9 8.6	+47 32 53	SPC		-.1 .2			K5 III	6277S	50087	949	GC 3812		-S-	146.1	-8.7
3 9 12.0	+23 31 54	AGL	1.3 .3					459S					1--	160.0	-28.9
3 10 1.0	-29 51 18	AGL	1.6 .3					4259S					1--	226.1	-59.1
3 12 21.0	+ 1 25 32	SAO	1.3 .4				M6	4261S	42		DO 533		1--	179.0	-45.1
3 12 50.0	-25 44 18	AGL			-4.0 .4			468S					2--	218.4	-57.9
3 12 50.5	+ 1 29 58	EIC	1.3 .4				M6	4262S	43		DO 534		1--	179.0	-44.9
3 12 58.0	-30 48 18	AGL	1.7 .4					4263S			IC 1904	ED	1--	228.0	-58.5
3 13 5.0	-23 47 24	AGL	1.4 .3		-3.4 .4			469S					1--	214.9	-57.4
3 13 18.0	-24 34 36	AGL	1.6 .3					4264S					1--	216.3	-57.6
3 13 53.0	- 5 54 48	SAO	1.4 .4				K5	4265S	-10046		GC 3911		1--	187.7	-49.5
3 13 54.0	- 8 45 48	AGL	1.5 .4		-4.0 .5			470S					2--	191.4	-51.1
3 14 12.0	-76 50 48	AGL		-1.9 .4				4266S					1--	293.2	-37.7
3 14 19.6	+39 46 48	SPC			-.7 .2	-2.4 .3		6278S					-?4	151.1	-14.8
3 14 39.0	+77 31 19	SPC		-.3 .2				6279S			SVS 100263		-S-	130.7	17.2
3 16 48.0	+32 58 0	IRC	1.0 .4				M2E	4268S	30060		TW PER		1--	155.5	-20.2
3 16 50.4	+36 21 6	SPC		.4 .2	-.6 .2			6280S					-?4	153.5	-17.4
3 17 21.0	-17 21 24	AGL	1.6 .3		-3.4 .6			4269S					1--	204.5	-54.4
3 17 54.0	+31 46 6	AGL	1.4 .3					478S			DO 9877		1--	156.4	-21.0
3 18 17.0	- 7 36 54	AGL	1.9 .4		-3.6 .4			480S			NGC 1303		1--	190.8	-49.5
3 18 26.0	-15 29 48	AGL	1.5 .3		-2.9 .4			4270S					1--	201.8	-53.4
3 19 24.0	-27 45 6	AGL			-3.2 .6			4272S			SVS 295		3--	222.5	-56.8
3 19 34.0	+74 50 6	IRC	1.6 .4	-.2 .2			M4-5	4271S	70042		DO 26985		1--	132.5	15.1
3 19 49.1	+56 4 3	SPC		-.1 .2			M5	6281S	60118		DO 27032		-?-	143.0	-.6
3 19 50.0	+29 26 0	AGL	1.2 .3					484S					1--	158.3	-22.7
3 19 58.8	+20 33 5	SPC		.3 .2		-1.9 .3	K3 III	6282S	20056	1015	63 ARI		-S-	164.3	-29.7
3 20 46.6	+60 17 37	SPC			-1.0 .2	-2.3 .3		6283S					-04	140.8	3.0
3 21 4.0	+ 3 42 24	IRC	1.8 .4				M7	4273S	45		DO 566		1--	178.7	-41.9
3 21 30.9	+11 41 6	SAO	1.6 .4				M3	4274S	10043		DO 567		1--	171.5	-36.2
3 22 51.0	- 0 52 24	AGL	1.8 .3					4275S				ED	1--	183.9	-44.6
3 25 12.0	-10 1 54	AGL	1.5 .3					4278S				ED	1--	195.4	-49.4
3 25 38.0	+48 35 30	IRC	1.4 .4				M6	4279S	50097		DO 27156		1--	147.8	-6.3
3 26 39.4	+58 40 9	SPC		-.1 .2		-2.4 .3		6284S					--3	142.3	2.1
3 27 28.4	+39 27 55	SPC		-.0 .2	-.5 .2		M6-7E G	6285S	40062		RU PER		-S*	153.4	-13.6
3 28 24.0	-14 25 54	AGL	1.7 .3					4281S					1--	202.0	-50.8
3 30 14.2	+34 9 4	SPC		.5 .2		-2.2 .3		6286S					-?4	157.2	-17.6
3 30 18.6	-25 49 35	SAO	1.8 .4				M5	4283S	-30029		RZ FOR		1--	219.9	-54.1
3 31 12.0	-15 28 30	AGL	1.7 .3					4284S					1--	203.9	-50.6
3 31 56.0	+63 1 42	AGL	1.3 .4					4285S					1--	140.3	6.0
3 33 17.4	+53 7 42	SPC		-.5 .2				6287S					-S-	146.2	-1.9
3 34 30.0	-19 11 30	AGL	1.8 .3					4286S					1--	209.9	-51.3
3 34 37.0	- 6 51 12	AGL			-4.2 .5			502S			IC 0337		2--	193.2	-45.7
3 35 23.9	+55 48 30	SPC			-1.5 .2	-2.0 .3		6288S					-04	144.9	.4
3 35 24.5	+43 24 54	SPC		-1.1 .2				6289S					-S-	152.3	-9.6
3 35 36.0	-16 39 42	AGL	1.4 .3					4287S					1--	206.3	-50.1

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
3 36 26.0	+24 49 36	AGL	1.4 .4				M3-4	4288S			KP TAU		1--	164.5	-24.0
3 37 3.0	+61 40 12	IRC	1.5 .4	-.2 .2			M4	504S	60123		DO 27390		2--	141.6	5.3
3 38 0.0	+89 29 54	AGL	1.7 .3					4289S					1--	123.4	27.0
3 38 51.0	+67 57 2	SPC			-.9 .2	-1.9 .3		6290S					--2	137.9	10.4
3 39 8.0	+36 21 0	IRC	1.0 .4				M6	4291S	40066		AF PER		1--	157.3	-14.7
3 39 56.0	+34 6 7	SPC			-.2 .2	-2.2 .3		6291S					-*4	158.8	-16.4
3 41 14.0	-32 54 42	AGL			-3.9 .4			4292S					2--	232.2	-52.6
3 43 11.0	-16 21 12	AGL		-1.1 .4	-3.3 .4			4293S					1--	206.9	-48.3
3 43 22.3	+52 31 41	SPC		-.3 .2			M5	6292S	50105		UU PER		-S-	147.8	-1.5
3 45 7.0	+24 50 9	SAO	1.9 .4				K5	4295S	20064		SVS 100325		1--	166.1	-22.7
3 46 33.0	+65 7 48	AGL	1.2 .3					4296S					1--	140.3	8.7
3 46 39.4	+48 33 56	SPC		.3 .2			M8	6293S	50109				-S-	150.7	-4.3
3 47 2.5	+42 26 16	SAO	.8 .4				M5	4297S	40069		DO 27623		1--	154.6	-9.0
3 47 51.0	+63 50 0	IRC	1.8 .5				M5	4298S	60130		BF CAM		1--	141.2	7.7
3 48 56.0	- 1 31 30	AGL		-1.7 .4			M4 III	4299S	50		SU ERI	EO	1--	189.9	-39.8
3 49 40.3	-40 14 4	SAO	1.3 .4	-2.6 .4			MB	4300S	-40027E				1--	244.0	-50.8
3 50 12.0	+60 47 12	AGL	1.3 .4					4301S					1--	143.4	5.6
3 51 28.0	+24 33 12	AGL	1.7 .4					4302S			V401 TAU		1--	167.5	-21.9
3 51 44.0	-17 29 30	AGL	1.7 .3					532S					2--	209.7	-46.9
3 51 51.2	+36 9 16	SPC		-.1 .2				6294S					-S-	159.4	-13.2
3 52 39.0	+53 7 30	AGL	1.7 .4					4303S			SHARP. 205		1--	148.5	-.1
3 52 40.2	-15 3 5	SAO	1.5 .3		-3.2 .4		M1	4304S	-20046		RU ERI		1--	206.5	-45.7
3 52 50.2	+62 9 35	SPC		.3 .2	-1.0 .2			6295S					-04	142.8	6.8
3 53 5.6	-24 10 41	SAO	1.5 .4				M4E	4305S	-20047		T ERI		1--	219.3	-48.7
3 53 56.0	-34 24 54	AGL	1.2 .3		-4.0 .4			533S					2--	234.9	-50.1
3 54 27.0	+12 56 12	AGL			-3.5 .4			535S					1--	177.2	-29.6
3 54 41.4	+52 57 50	SPC			-1.4 .2	-2.6 .3		6296S					-?4	148.9	-.1
3 54 57.0	+31 46 4	SPC			-1.9 .2	-2.4 .3		6297S					-*4	162.9	-16.1
3 55 52.5	+10 53 9	SAO	1.6 .4				M4	4306S	10051		DO 670		1--	179.3	-30.7
3 56 31.8	+67 53 51	SPC			-.3 .2	-1.7 .3		6298S					-*4	139.3	11.4
3 57 24.0	+65 47 51	SPC		-.4 .2				6299S					-S-	140.7	9.9
3 57 51.3	- 6 31 29	SAO	1.5 .4				MB	4308S	-10057				1--	197.0	-40.7
3 58 13.0	-16 7 18	AGL	1.4 .3					4309S					1--	208.7	-44.9
3 59 50.0	- 6 3 30	AGL	.9 .3					4310S					1--	196.8	-40.0
3 59 51.0	-13 53 6	AGL	1.9 .3		-2.7 .5			4311S			WZ ERI		2--	206.0	-43.7
4 0 6.0	+70 25 34	SPC			-1.4 .2			6300S					-S*	137.8	13.5
4 0 18.0	-10 54 36	AGL			-3.8 .4			4312S					1--	202.5	-42.3
4 0 39.0	-10 47 30	AGL			-3.9 .4			4313S					1--	202.4	-42.1
4 0 54.0	- 7 3 4	SAO	1.9 .4				MA	4315S	-10058				1--	198.1	-40.3
4 1 8.0	-20 48 12	AGL	1.5 .3	-.6 .4				4314S					1--	215.3	-45.9
4 1 28.5	-25 59 4	SAO	2.2 .5				M:	4317S	-30032		GC 4889		1--	222.6	-47.3
4 1 31.5	+61 39 33	SAO	1.2 .4				C5,4	4316S	60138		UV CAM		1--	143.9	7.1
4 1 32.0	+12 22 18	SAO	1.3 .3				M3	4318S	10053		DO 690		1--	179.0	-28.7
4 1 44.1	+26 3 54	SAO	1.6 .4				M6	4319S	30070		DO 10256		1--	168.2	-19.2
4 2 47.0	+58 30 34	SPC			-1.0 .2			6301S					--3	146.1	4.9
4 4 22.3	+42 5 19	SPC		.2 .2			M7	6302S	40073				-?-	157.3	-7.2
4 4 26.0	- 7 48 36	IRC	2.1 .5				M7	4320S	-10060		RV ERI		1--	199.5	-39.9
4 5 19.0	+80 38 7	SPC			-2.0 .2			6303S					-S-	130.6	21.1
4 5 20.2	+57 26 24	SPC			-.7 .2	-2.3 .3		6304S					-?4	147.1	4.3
4 5 58.0	+ 9 58 7	SAO	1.5 .4				M2	4322S	10054		DO 704		1--	181.9	-29.4

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
4 6 19.0	-38 7 30	AGL		-1.7 .4				547S					1--	240.6	-47.7
4 8 10.4	-34 37 39	SAO	1.8 .4				M0	4323S	-30027E		GC 5030		1--	235.5	-47.1
4 8 14.1	+53 46 46	SPC		-.6 .2	-.9 .2			6305S					--3	149.8	1.9
4 9 51.3	- 4 32 16	SAO	2.0 .4				M2	4325S	54		DO 724		1--	196.7	-37.1
4 9 52.0	- 9 56 48	AGL	1.8 .3					4324S					1--	202.8	-39.7
4 10 1.2	+44 32 53	SPC				-2.7 .3		6306S					--2	156.4	-4.7
4 10 40.6	-23 56 53	SAO	1.7 .4				K2	4326S	-20050		GC 5082		1--	220.5	-44.7
4 10 42.8	- 4 0 41	SAO	2.2 .4				M5	4327S	56		DO 727		1--	196.3	-36.6
4 11 1.3	+46 45 37	SPC		.2 .2			M3	6307S	50113		FV PER		-S-	155.0	-3.0
4 11 27.4	+26 53 10	FIR			-1.8 .2			6308S					-F-	169.2	-17.1
4 12 13.2	+21 13 13	FIR			-.7 .2			6309S					-?-	173.6	-20.9
4 12 15.3	+50 12 52	SPC		-.6 .2				6310S					-S-	152.7	-.3
4 13 1.0	-13 21 42	AGL		-.7 .4	-3.5 .5			557S			IC 2047		1--	207.2	-40.5
4 13 3.5	+67 22 57	SPC		-.2 .2	-.8 .2			6311S					--4	140.8	12.1
4 13 3.9	+39 18 20	SPC		-.9 .2				6312S					-S-	160.4	-8.1
4 13 25.1	+50 44 35	SAO	1.7 .5	-.7 .4			K2	4331S	50116		GC 5151		1--	152.5	.2
4 14 6.0	-28 30 0	AGL	1.7 .3					4332S					1--	227.0	-45.0
4 14 32.0	+42 36 36	IRC	1.4 .4				M4	4333S	40081		DO 28164		1--	158.3	-5.5
4 14 45.5	+49 44 37	SAO	1.4 .5				M4	4334S	50117		SVS 100378		1--	153.4	-.4
4 15 20.0	+54 42 54	AGL	1.5 .3					4335S					1--	150.0	3.3
4 16 52.5	+37 4 53	SAO	1.4 .4				M5	4336S	40084		DO 10410		1--	162.5	-9.1
4 18 14.4	+80 42 35	SAO	1.8 .5				G6 G	4338S	80010	1317	GC 5265		1--	130.9	21.5
4 18 25.8	-16 56 56	SAO	1.5 .5				M4 III	4337S	-20055		DG ERI		1--	212.2	-40.8
4 20 4.0	+36 6 12	IRC	1.5 .4				M6	4339S	40086		GQ PER		1--	163.7	-9.4
4 20 5.0	- 5 36 54	IRC	1.6 .4				M6 G	4341S	-10066		RW ERI		1--	199.5	-35.4
4 20 30.0	-12 43 36	AGL	1.6 .4					4343S			IC 0368		1--	207.5	-38.6
4 21 38.9	-27 56 42	SAO	1.4 .4	-1.5 .4			M3	578S	-30034		DH ERI		2--	226.7	-43.3
4 22 15.0	+57 48 24	AGL	1.4 .3					4344S					1--	148.4	6.1
4 25 41.6	+19 4 16	SAO	1.0 .4				K1 III	4345S	20080	1409	EPS TAU		1--	177.6	-19.9
4 25 56.2	-29 19 26	SAO	1.7 .5				M2	4346S	-30035				1--	228.8	-42.7
4 26 7.7	+64 20 1	SAO	1.6 .4				M3 III	4347S	60142		RY CAM		1--	144.0	11.0
4 26 31.7	+47 12 21	SPC		.1 .2	-.4 .2			6313S					-*4	156.5	-.8
4 26 59.6	+ 5 3 22	SAO	1.1 .4				M3 II	584S	10062		DO 787		2--	190.0	-28.2
4 27 6.1	+52 22 2	SPC		-.3 .2				6314S					-?-	152.9	2.9
4 27 13.6	+16 3 48	SAO	1.6 .4				M3	4349S	20083		DO 10526		1--	180.3	-21.6
4 28 16.7	+14 59 56	SAO	1.2 .4				M3 III	4350S	10063		84 TAU		1--	181.4	-22.0
4 29 49.4	-20 48 16	SAO	1.8 .4				K5	4352S	-20058		GC 5538		1--	218.2	-39.6
4 30 39.5	+47 9 23	SPC		.0 .2			M9	6315S	50122				-S-	157.0	-.3
4 31 11.1	- 0 4 39	EIC	1.1 .4				M9	435JS	62		BD ERI		1--	195.6	-30.2
4 32 6.0	+29 37 24	IRC	1.1 .4				M6	4354S	30089		V698 TAU		1--	170.3	-11.9
4 34 12.1	+46 22 53	SPC		-.3 .2	-1.3 .2	-2.2 .3		5316S					-23	158.0	-.4
4 35 18.0	-24 23 24	AGL	1.3 .3					4355S					1--	223.1	-39.5
4 36 5.0	+41 32 48	AGL	1.0 .4				C	4356S			AV PER		1--	161.8	-3.4
4 36 16.0	-20 29 0	AGL	1.7 .3					4357S					1--	218.4	-38.0
4 37 10.0	-33 0 0	AGL	1.0 .3					4358S					1--	234.2	-41.0
4 38 1.0	+40 6 0	IRC	1.3 .5				M6	4359S	40095		HO PER		1--	163.2	-4.1
4 38 47.0	-20 5 48	AGL	1.7 .3					4361S					1--	218.2	-37.4
4 39 25.2	-24 4 17	SAO	1.5 .4				M2	4363S	-20060				1--	223.1	-38.5
4 39 34.0	-32 35 48	AGL		-1.6 .4				4362S					1--	233.8	-40.4
4 39 46.0	-27 28 30	AGL	1.5 .3	-1.1 .4				4364S					1--	227.3	-39.3

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
4 40 26.0	+48 40 12	IRC	1.7 .5				M5	4365S	50125		V420 PER		1--	157.0	1.9
4 40 59.0	+25 14 42	IRC	.6 .3				M5	4366S	30092		DO 10700		1--	175.0	-13.3
4 41 6.8	+44 12 22	SPC		-.7 .2				6317S					-S-	160.5	-.9
4 41 13.2	-30 51 27	SAO	1.5 .4				K0	4367S	-30040	1509	GC 5762		1--	231.7	-39.7
4 41 37.0	+11 35 0	IRC	.9 .4				M6	4368S	10069		DO 844		1--	186.4	-21.5
4 42 20.0	-17 50 12	AGL	2.0 .3					4369S					1--	216.0	-35.8
4 42 25.0	- 2 42 42	IRC	1.9 .3	-1.9 .4			M8	4370S	63		DO 852		1--	199.8	-29.1
4 42 55.0	-21 22 26	SAO	1.5 .4				K2 G	4371S	-20061	1521	GC 5794		1--	220.1	-36.9
4 43 29.0	-30 44 48	AGL	1.7 .4		-3.3 .4			4372S					1--	231.7	-39.2
4 43 51.0	-26 30 18	AGL	1.4 .3					4374S					1--	226.4	-38.2
4 43 53.0	+25 32 0	IRC	1.6 .5		-.7 .2		M4	4375S	30094		DO 10739		1?-	175.2	-12.6
4 43 54.0	+35 45 0	IRC	1.5 .5				M3	4373S	40098		DO 10735		1--	167.2	-6.0
4 43 56.0	+14 47 48	AGL	1.2 .3					631S					1--	184.0	-19.1
4 45 31.7	-36 17 50	SAO	1.2 .4			-6.6 .8	C6,4	4376S	-30037E		T CAE		1--	238.9	-39.8
4 45 52.0	- 5 26 18	AGL	1.7 .3					4377S			IC 2094		1--	203.0	-29.7
4 46 .3	+31 21 8	SAO	1.5 .4				K2 III	4378S	30096	1529	GC 5853		1--	170.9	-8.5
4 47 10.2	+52 9 8	SAO	1.7 .4	.3 .2			M3	4381S	50129		DO 28671		1--	155.1	5.0
4 47 14.8	+28 1 14	SAO	1.7 .4				M7	4379S	30097		DO 10784		1--	173.7	-10.4
4 48 1.0	+ 8 49 24	AGL	1.4 .4					637S					1--	189.8	-21.8
4 49 1.0	- 4 58 42	AGL	1.6 .4					641S			IC 2100		1--	203.0	-28.8
4 49 16.9	+36 37 14	SAO	1.1 .4				K3 III	4384S	40102	1551	2 AUR		1--	167.3	-4.6
4 50 25.0	+49 49 6	IRC	1.6 .5	.4 .2			CE	4385S	50130		AU AUR		1?-	157.2	3.9
4 50 46.5	+57 50 43	SPC		.0 .2	-.3 .2			6318S					--4	151.0	9.0
4 50 51.0	-22 5 42	AGL	1.4 .3					4386S					1--	221.7	-35.4
4 53 21.4	+44 26 40	FIR			-1.7 .2			6319S					-F-	161.7	.9
4 54 7.9	+56 4 17	FIR			-1.5 .2			6320S					-F?	152.6	8.3
4 54 19.0	+48 29 6	IRC	1.3 .4				S5,8	655S	50132		TV AUR		2--	158.6	3.6
4 55 21.0	-34 23 12	AGL		-2.5 .4				657S					1--	236.8	-37.5
4 57 26.0	+32 43 48	AGL	1.6 .4					668S					2--	171.4	-5.8
4 57 35.2	+73 42 40	SPC		.5 .2			M0	6321S	70058	1587	DO 28807		-S-	138.2	19.0
4 59 10.0	- 1 55 54	AGL	1.7 .4					673S					1--	201.4	-25.1
5 0 7.7	-26 20 41	SAO	1.6 .5		-3.2 .5		K0 G	4388S	-30041	1628	GC 6160		1--	227.5	-34.6
5 0 24.0	+ 9 17 6	AGL	.7 .4					677S					1--	191.2	-19.0
5 0 38.2	-22 51 55	SAO	1.8 .5				K1 G	4389S	-20065	1634	1 LEP		1--	223.5	-33.5
5 2 27.0	+21 35 0	AGL	1.5 .3					679S					1--	181.0	-11.6
5 2 36.4	-35 33 2	SAO	.8 .3				K3	4390S	-30041E	1652	GAM CAE		1--	238.6	-36.2
5 2 57.0	+38 39 9	SAO	2.0 .4				M5	684S	40112		DO 11024		2--	167.3	-1.3
5 4 1.9	+ 0 28 59	EIC	1.2 .4	-1.2 .4			M6	4391S	67		V430 ORI		1--	199.8	-22.9
5 6 6.9	+20 7 21	FIR			-.6 .2			6322S					-?-	182.8	-11.7
5 6 19.6	+57 23 33	SPC			-1.4 .2			6323S					-S?	152.6	10.4
5 6 34.0	-24 53 12	AGL		-1.5 .4				4393S					1--	226.3	-32.8
5 6 56.0	- 8 52 36	AGL	2.0 .4		-3.1 .6			4394S			SVS 100453		2--	209.2	-26.7
5 7 50.0	-12 18 42	AGL	1.8 .3					701S					1--	212.8	-28.0
5 8 49.1	+15 59 8	SAO	1.4 .4				K5 III	4396S	20102	1684	GC 6350		1--	186.6	-13.6
5 9 4.0	+38 35 36	AGL	.4 .4				K5	703S			DO 11105		1--	168.1	-.3
5 9 12.5	+51 6 53	SPC			-1.5 .2	-2.5 .3		6324S					-*4	158.0	7.1
5 10 20.0	+57 10 11	SPC			-2.6 .2			6325S					-?-	153.1	10.7
5 10 38.0	+20 55 21	FIR			-.9 .2			6326S					-?-	182.7	-10.4
5 10 55.7	-27 13 1	SAO	2.0 .4				K0	4398S	-30042		GC 6389		1--	229.3	-32.6
5 11 27.0	+77 9 12	AGL	1.3 .3					4399S					1--	135.6	21.5

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
5 11 27.8	+46 14 14	FIR			-1.7 .2			6327S					-F-	162.2	4.5
5 11 53.2	+59 21 39	SPC		-.0 .2				6328S					-S-	151.4	12.1
5 13 .7	+24 4 43	FIR			-1.6 .2			6329S					-F-	180.4	-8.2
5 13 11.0	+47 24 24	IRC	1.3 .4				M2	4400S	50140		DO 29110		1--	161.4	5.4
5 14 1.0	+51 22 12	AGL	1.0 .4				M0	718S			DO 29113		1--	158.2	7.8
5 14 9.6	+32 7 39	FIR			-.8 .2			6330S					-F-	174.0	-3.3
5 14 26.0	+27 13 30	AGL	.6 .4					719S					1--	178.0	-6.1
5 15 26.0	-25 45 48	AGL	1.4 .3		-2.9 .4			726S					1--	228.0	-31.2
5 15 45.0	+43 15 42	AGL	1.4 .3				M0	727S			DO 29147		1--	165.1	3.4
5 15 52.0	+35 45 12	IRC	1.4 .4				C6,3	4401S	40120		SVS 6165		1--	171.2	-.9
5 16 18.0	-49 11 36	AGL			-4.1 .6			4402S					1--	255.7	-35.2
5 17 27.5	-33 45 30	SAO	1.1 .4				M5E	4403S	-30045E		T COL		1--	237.2	-32.9
5 18 25.0	+ 7 19 24	AGL	1.6 .5	-1.1 .4			C4,4	4404S	10083		DO 1065		1--	195.5	-16.3
5 18 40.5	+73 39 39	SAO	1.0 .3				M4	4405S	70061		DO 29148		1--	139.1	20.2
5 19 12.0	+60 40 12	IRC	1.0 .4	.4 .2			M6	4406S	60156		DO 29181		1--	150.8	13.6
5 19 28.2	+46 58 30	SAO	1.6 .4				M2	4407S	50142		DO 29204		1--	162.4	6.1
5 19 37.5	+50 10 26	SAO	1.4 .4				M6	4408S	50143		DO 29202		1--	159.7	7.9
5 19 54.8	- 8 42 47	SAO	1.6 .4				S4.1	736S	-10086		GC 6602		2--	210.6	-23.7
5 20 26.7	+41 50 54	FIR			-1.6 .2			6331S					-*-	166.7	3.3
5 21 8.0	+20 14 18	AGL	1.2 .3					737S					1--	184.7	-8.8
5 22 7.0	+33 53 12	AGL	.6 .4					741S					1--	173.5	-.9
5 22 8.0	+31 50 12	FIR			-1.4 .2			6332S					-F-	175.2	-2.1
5 22 28.4	+ 1 8 31	SAO	1.4 .4				M5	4409S	73		DO 1094		1--	201.6	-18.5
5 22 40.0	-10 22 21	SAO	1.4 .4				K5 III	4410S	-10092	1799	GC 6672		1--	212.6	-23.8
5 22 42.0	- 0 18 18	AGL	1.6 .4					742S					2--	203.0	-19.2
5 23 10.0	+50 5 0	IRC	1.5 .4				M5E	4411S	50144		AC AUR		1--	160.1	8.3
5 23 23.0	-29 49 18	AGL	1.4 .3					4413S					1--	233.1	-30.7
5 23 29.9	+36 51 34	CIO	1.7 .4				M4E	747S	40127		W AUR		2--	171.2	1.0
5 23 37.0	+32 0 36	IRC	1.8 .4		-.5 .2		M6	4414S	30113		EG AUR		1--	175.2	-1.7
5 23 39.0	-33 34 24	AGL			-3.8 .4			745S					1--	237.4	-31.6
5 23 41.2	+34 17 52	FIR			-1.2 .2			6333S					-F-	173.3	-.4
5 26 4.0	+ 0 3 42	AGL		-.2 .4				4416S					1--	203.1	-18.3
5 27 21.6	+31 28 25	SAO	1.9 .4				M2	4417S	30118		DO 11304		1--	176.1	-1.4
5 27 54.0	-42 39 30	AGL			-3.8 .5			4418S					2--	248.1	-32.6
5 28 6.0	+29 17 2	FIR			-2.0 .2			6334S					-F-	178.0	-2.4
5 28 28.0	- 6 55 48	AGL		-.5 .4				4419S			V689 ORI		2--	209.9	-21.0
5 28 42.3	+56 49 42	FIR			-1.6 .2			6335S					-F?	154.8	12.6
5 29 1.5	+26 6 23	FIR			-1.2 .2			6336S					-?-	180.8	-4.0
5 29 2.1	- 4 45 56	FIR				-3.3 .3		6337S				E?	-?-	207.9	-19.9
5 29 22.7	- 4 2 30	FIR			-1.3 .2			6338S					-?-	207.3	-19.5
5 30 8.0	- 6 17 42	AGL		-.3 .4				4420S					1--	209.5	-20.4
5 30 37.7	- 4 23 6	FIR				-2.9 .3		6339S					-?-	207.8	-19.4
5 30 45.4	+41 5 23	SAO	1.4 .4				M2 II	4421S	40133		SVS 100502		1--	168.4	4.5
5 30 59.4	-25 24 3	SAO	1.8 .4				M0	4422S	-30045				1--	228.9	-27.7
5 31 22.0	+60 33 42	AGL	1.2 .3					4423S					1--	151.7	14.8
5 31 26.8	+43 33 13	FIR			-1.4 .2			6340S					-?-	166.4	5.9
5 31 31.0	+54 52 54	IRC	1.8 .4				M6	774S	50147		DO 29442		2--	156.7	11.9
5 31 32.1	- 1 30 11	SAO	1.6 .4				K5 III	4424S	78	1874	GC 6894		1--	205.2	-17.8
5 32 1.2	- 4 12 12	FIR				-2.9 .3		6341S					-?-	207.8	-19.0
5 32 24.5	+57 23 3	FIR			-1.8 .2			6342S					-F-	154.6	13.3

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
5 32 44.5	+59 3 1	FIR			-1.9 .2			6343S					-F*	153.1	14.2
5 33 1.0	+20 58 18	AGL	1.0 .3					784S					1--	185.6	-6.0
5 33 1.6	+75 0 54	SAO	2.0 .4				M0 G	4426S	80011	1844	SVS 100501		1--	138.3	21.7
5 33 16.9	+65 5 35	FIR			-.8 .2			6344S					-F*	147.6	17.2
5 33 39.0	- 3 50 18	AGL	1.2 .3					4427S			HFE 7		1--	207.6	-18.5
5 33 46.0	-25 46 9	SAO	1.8 .4				C6,4	4429S	-30046		SZ LEP		1--	229.5	-27.2
5 34 9.4	+ 9 15 55	SAO	1.3 .4				K0 IIIBP	4430S	10091	1907	PHI2 ORI		1--	195.8	-11.9
5 34 26.0	-44 6 30	IRC	1.7 .4					4431S	-40041E				1--	250.0	-31.6
5 34 59.8	- 4 56 38	FIR			-1.8 .2			6345S			SVS 100651	EO	-F-	208.8	-18.7
5 35 9.0	+21 52 14	SAO	1.6 .4				M5	4432S	20114		DO 11422		1--	185.1	-5.1
5 35 19.7	+59 23 44	FIR			-2.3 .2			6346S					-F*	153.0	14.7
5 35 49.0	+69 23 54	SPC		-.1 .2				6347S			IC 2133		-S-	143.7	19.4
5 36 41.8	+60 36 1	SPC			-.5 .2	-2.3 .3		6348S					-?4	152.0	15.4
5 37 14.5	+35 36 14	FIR			-1.8 .2			6349S					-F-	173.7	2.6
5 37 25.4	+65 40 25	SAO	2.0 .4	0.0 .5			K5 G	4434S	70065	1916	GC 7068		1--	147.3	17.9
5 37 40.0	+51 38 30	IRC	1.5 .4				M6	4435S	50150		DO 29533		1--	160.0	11.1
5 37 58.9	+34 9 48	FIR				-3.2 .3		6350S					-F-	175.0	2.0
5 39 .4	-27 58 35	SAO	1.4 .4				M0	4437S	-30048				1--	232.3	-26.8
5 39 3.8	+14 48 38	SAO	1.1 .4				M3	4438S	10095		FX ORI		1--	191.6	-8.1
5 39 23.0	-20 48 0	IRC	1.5 .4				M5	808S	-20076				2--	224.8	-24.3
5 39 37.0	+21 58 24	AGL	1.7 .5	-1.0 .4			M6	4439S			DZ TAU		1--	185.6	-4.2
5 39 53.4	+ 1 27 7	SAO	1.4 .4				K0 III	4440S	83	1963	51 ORI		1--	203.5	-14.6
5 40 4.0	- 1 33 51	FIR			-1.6 .2			6351S					-*-	206.3	-16.0
5 40 31.0	-23 43 6	IRC	1.0 .4		-3.0 .4		M9	810S	-20077		RT LEP		1--	227.9	-25.1
5 41 17.8	+64 44 59	SAO	.9 .3				M0	4441S	60158		DO 29598		1--	148.4	17.8
5 41 24.8	-33 26 47	SAO	1.3 .4				M0	4442S	-30053E		GC 7167		1--	238.3	-28.0
5 42 22.7	+37 38 23	SAO	1.7 .5				M3	4443S	40139		DO 11538		1--	172.6	4.6
5 43 15.0	+61 17 52	SPC			-1.4 .2	-2.6 .3		6352S					-?4	151.7	16.4
5 44 9.4	-23 39 46	SAO	.6 .3	-1.3 .4			M3	4446S	-20079		GC 7231		1--	228.2	-24.3
5 46 14.0	-15 33 12	AGL	1.3 .3					4449S					1--	220.3	-20.8
5 46 30.0	+13 11 12	IRC	1.2 .4		-.6 .2		M6.5	4450S	10096		EL TAU		1?-	194.0	-7.3
5 47 36.1	+59 31 12	SPC				-2.2 .3		6353S					--2	153.6	16.1
5 48 1.3	+39 8 9	SAO	1.0 .4				K0 III	4451S	40144	2012	NUU AUR		1--	171.8	6.3
5 48 37.0	+ 0 12 54	AGL	1.5 .4					825S					1--	205.7	-13.3
5 49 21.0	+61 31 0	AGL	1.8 .3					827S					1--	151.8	17.2
5 51 9.1	+ 9 0 53	FIR			-1.0 .2			6354S					-F-	198.2	-8.4
5 51 15.4	-10 26 50	FIR			-.7 .2			6355S					-?-	215.9	-17.5
5 51 50.0	- 1 5 7	SAO	1.6 .4		-.1 .2		M4	833S	90		DO 1329		2*-	207.3	-13.2
5 52 17.0	-47 0 48	AGL			-3.9 .6			4454S					1--	253.9	-29.0
5 52 35.1	+41 28 59	AGL		-1.3 .4	-1.4 .2			835S					1--	170.2	8.2
5 53 4.6	+ 6 43 45	FIR			-.8 .2			6356S					-F-	200.4	-9.1
5 53 8.0	+ 2 18 42	AGL	1.6 .3					838S					1--	204.4	-11.3
5 53 49.0	+ 6 45 24	AGL	1.1 .3				M1	844S			DO 1340		1--	200.5	-9.0
5 53 58.0	+20 17 6	IRC	1.6 .5				M7	4455S	20128		DO 11744		1--	188.7	-2.2
5 54 55.2	+34 29 12	FIR			-2.0 .2			6357S					-*-	176.6	5.1
5 55 17.7	+31 28 7	FIR			-1.6 .2			6358S					-*-	179.2	3.7
5 55 48.9	+63 10 55	SPC		-1.0 .2				6359S					-S-	150.6	18.6
5 56 24.2	- 1 6 50	SAO	1.8 .4	-1.3 .4			M4	4457S	94		DO 1352		1--	207.9	-12.2
5 56 43.0	-10 53 42	IRC	1.5 .5				S	4458S	-10104				1--	216.9	-16.5
5 57 33.2	- 3 4 29	SAO	1.5 .4				K2 III	4459S	95	2113	SVS 100707		1--	209.8	-12.8

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
5 58 15.6	+75 35 17	SAO	2.0 .4				M1	4461S	80012	2078	DO 29860		1--	138.3	23.4
5 58 34.0	+ 6 1 42	AGL	1.5 .3					855S					1--	201.7	-8.3
5 58 45.0	+10 40 42	IRC	1.2 .4		-.9 .2		M6	4460S	10102		DO 1365		1?-	197.7	-6.0
5 58 57.0	+34 16 11	FIR			-1.5 .2			6360S					-F-	177.2	5.7
5 59 20.0	-19 40 54	AGL	1.7 .3					4462S					1--	225.6	-19.6
5 59 21.0	+ 1 51 0	AGL		-1.2 .4				859S					1--	205.6	-10.1
5 59 27.1	+ 8 27 6	EIC	1.7 .4		-.0 .2		M6.5	4464S	10104		DR ORI		1--	199.7	-6.9
5 59 27.5	-33 54 39	SAO	1.4 .4				K5	4463S	-30061E	2131	GC 7630		1--	240.0	-24.5
5 59 31.0	- 2 56 12	AGL	.9 .3					861S					1--	209.9	-12.3
5 59 41.0	-21 6 12	IRC	1.5 .4				M6	4465S	-20083				1--	227.0	-20.0
6 0 0.0	+46 17 42	AGL	1.4 .4				M4-6E	4466S			RS AUR		1--	166.6	11.7
6 0 8.0	-50 41 54	AGL			-4.0 .6			4467S			NGC 2152		1--	258.3	-28.4
6 1 14.6	-26 16 59	SAO	1.4 .4				K3 G	4468S	-30053	2140	GC 7680		1--	232.3	-21.6
6 1 30.0	- 3 57 0	IRC		-1.0 .4			S	4469S	97		DO 1394		1--	211.0	-12.4
6 2 16.6	- 6 45 20	FIR			-.8 .2			6361S					-?-	213.7	-13.5
6 2 30.0	+68 48 36	AGL	1.5 .3					869S					2--	145.3	21.4
6 2 48.6	+65 12 1	FIR			-1.3 .2			6362S					-**	148.9	20.1
6 3 .8	- 6 33 8	FIR			-1.5 .2			6363S					-*-	213.6	-13.2
6 3 31.3	+72 18 17	SPC		.2 .2	-.5 .2			6364S					-?4	141.8	22.7
6 5 35.8	+28 49 51	FIR			-1.9 .2			6365S					-F-	182.6	4.3
6 5 41.9	+21 30 58	FIR			-2.6 .2			6366S					-F-	189.0	.8
6 6 5.4	+28 55 24	FIR			-1.5 .2			6367S					-F-	182.6	4.5
6 6 7.0	-18 17 12	AGL	1.2 .3					4472S					1--	224.9	-17.5
6 6 21.9	+73 20 33	FIR			-1.6 .2			6368S					-F?	140.8	23.2
6 6 42.0	-14 48 48	AGL	1.4 .3					4473S					1--	221.7	-16.0
6 6 51.9	+28 52 24	FIR			-1.8 .2			6369S					-F-	182.7	4.6
6 7 18.1	-14 34 29	SAO	1.7 .4				K2 G	4474S	-10110	2183	GC 7841		1--	221.5	-15.7
6 8 2.0	+34 52 0	AGL	1.2 .3					887S					1--	177.6	7.7
6 8 10.0	-31 42 42	AGL			-3.6 .4			889S					1--	238.4	-22.1
6 8 24.1	- 2 16 22	FIR			-.9 .2			6370S					-?-	210.3	-10.1
6 9 4.0	+19 10 15	FIR			-2.0 .2			6371S					-F-	191.5	.3
6 9 48.0	-14 38 12	AGL	1.4 .3					4476S					1--	221.9	-15.2
6 10 43.5	+68 47 5	FIR			-.8 .2			6372S					-?*	145.6	22.1
6 10 45.0	- 2 13 6	AGL	1.5 .3					899S					1--	210.6	-9.5
6 12 59.3	-20 15 20	SAO	1.8 .4				K0	4479S	-20089	2242	GC 7997		1--	227.5	-16.8
6 13 56.3	+68 14 49	SPC			-.7 .2	-2.3 .3		6373S					--4	146.3	22.2
6 13 59.0	-15 33 54	AGL	1.5 .3					4480S					1--	223.2	-14.7
6 14 16.4	+39 29 36	SAO	1.3 .4				K2	4481S	40154		GC 8049		1--	174.0	10.9
6 14 18.6	- 3 10 7	FIR			-1.8 .2			6374S					-*-	211.8	-9.2
6 14 41.3	+35 37 3	SAO	1.3 .4				M6	4482S	40155		DO 12069		1--	177.5	9.2
6 15 16.0	-31 1 0	IRC	1.5 .4				M8	4483S	-30056		EH CMA		1--	238.2	-20.4
6 15 28.2	-16 47 45	SAO	1.7 .4				K3 III	4484S	-20090	2260	SVS 102505		1--	224.5	-14.9
6 16 32.9	-15 0 13	SAO	2.1 .5				M1 G	4485S	-10115	2268	GC 8108		1--	222.9	-13.9
6 17 13.1	+14 40 26	SAO	1.1 .3				M0 G	4486S	10114	2269	DO 12124		1--	196.4	-.1
6 17 32.5	+52 32 38	SAO	1.4 .4				M6	4487S	50162		DO 30267		1--	162.0	16.9
6 18 16.7	+65 0 36	SPC			-2.2 .2			6375S					-??	149.7	21.5
6 18 53.0	+13 15 0	IRC	1.4 .4				M6.5	4489S	10117		DD ORI		1--	197.8	-.4
6 20 36.0	+59 11 30	AGL	1.6 .3					926S					2--	155.7	19.8
6 21 13.8	- 9 50 51	SAO	1.3 .4				K5	4490S	-10120	2301	GC 8244		1--	218.7	-10.6
6 21 15.3	+12 46 28	FIR			-2.0 .2			6376S					-F-	198.5	-.2

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
6 21 25.0	-26 21 7	SAO	2.2 .4				K5	4491S	-30059		GC 8252		1--	234.2	-17.4
6 21 41.0	+ 3 43 12	IRC	1.5 .4				M4	4492S	107				1--	206.5	-4.3
6 21 53.9	-25 32 57	SAO		-.9 .4			K5 G	4493S	-30061	2311	GC 8267		1--	233.4	-17.0
6 22 8.8	+ 3 47 30	SAO	1.7 .4				M6.5	4494S	108		DO 1559	EO	1--	206.5	-4.2
6 22 13.7	+12 17 1	FIR			-1.8 .2			6377S					-*-	199.0	-.2
6 22 23.0	- 2 56 36	IRC	1.7 .4				M5	930S	109		DO 1560		2--	212.6	-7.3
6 22 37.3	+21 8 54	FIR			-1.7 .2			6378S					-F-	191.3	4.1
6 22 39.4	+68 12 48	FIR			-1.5 .2			6379S					-*?	146.6	22.9
6 22 55.1	+12 30 30	FIR			-2.4 .2			6380S					-*-	198.9	.1
6 23 29.5	+68 4 6	FIR			-1.5 .2			6381S					-*?	146.8	23.0
6 23 41.0	+46 18 0	IRC	1.5 .3				M5	4495S	50165		QU AUR		1--	168.4	15.4
6 23 44.0	-18 20 6	AGL	1.6 .3					939S					1--	226.8	-13.7
6 24 42.1	- 0 14 40	SAO	1.8 .5				K5 G	4497S	112	2335	GC 8356		1--	210.4	-5.5
6 26 10.2	+68 28 21	FIR			-1.3 .2			6382S					-*?	146.4	23.3
6 26 27.5	+19 18 19	FIR			-1.5 .2			6383S					-F-	193.3	4.0
6 26 38.0	+ 2 40 50	SAO	1.5 .4				M2	4499S	113	2355	DO 1598		1--	208.0	-3.7
6 26 51.1	- 8 4 1	SAO	1.4 .4				MA	948S	-10124				2--	217.7	-8.6
6 27 49.3	-10 2 47	SAO	1.6 .4				K0	4501S	-10126	2367	GC 8439		1--	219.6	-9.3
6 28 1.2	-19 10 46	SAO	1.6 .4				M0	4500S	-20095		GC 8443		1--	228.0	-13.2
6 29 4.9	+46 57 36	SAO	1.9 .4	-1.8 .4			M4	953S	50168		GC 8472		2--	168.2	16.5
6 29 7.9	+18 32 34	FIR			-1.5 .2			6384S					-F-	194.3	4.2
6 29 23.5	-40 52 48	SAO	1.9 .4				K2	4502S	-40051E	2390	GC 8483		1--	249.2	-21.0
6 29 33.2	-32 49 52	SAO	1.7 .4				M2 III	4503S	-30063		GC 8490		1--	241.2	-18.2
6 29 50.9	-36 54 15	SAO	1.4 .4				M1	4504S	-30068E	2393	GC 8498		1--	245.2	-19.6
6 30 5.6	-27 7 23	SAO	1.6 .5				M4	4505S	-30064				1--	235.7	-16.0
6 30 38.0	+30 17 12	IRC	1.7 .5				M5 III	4506S	30155		AI AUR		1--	183.9	9.8
6 30 44.0	- 9 56 0	IRC	1.9 .4				M6	4507S	-10130				1--	219.8	-8.6
6 31 51.0	+60 42 12	AGL	1.3 .3					960S					2--	154.7	21.6
6 32 0.0	-29 13 42	AGL	1.6 .3					963S					1--	237.9	-16.4
6 32 4.2	-36 11 37	SAO	1.3 .3				M0	4509S	-30070E	2411	GC 8559	EO	1--	244.7	-18.9
6 32 40.3	- 1 28 8	SAO	1.1 .4				M5	4510S	117		DO 1646		1--	212.6	-4.3
6 32 44.1	+78 2 25	SAO	1.6 .4		-2.4 .2	-3.0 .3	K5 G	4511S	80014	2363	GC 8574		2-0	130.3	25.9
6 34 1.8	+76 42 47	SPC			-1.1 .2			6385S					--3	127.9	25.8
6 34 38.0	+81 46 48	AGL	1.3 .3					973S					2--	142.1	26.6
6 34 41.0	+10 57 12	AGL	1.7 .3					974S					1--	201.6	1.9
6 34 44.0	+ 0 57 54	IRC	1.9 .5				S	4513S	118		CX MON		1--	213.5	2.7
6 34 48.8	-22 13 23	SAO	1.2 .4	-1.7 .4			M3	4512S	-20097				1--	231.5	-13.9
6 35 7.0	- 2 46 36	AGL	1.4 .3					978S					1--	213.9	-4.4
6 35 45.7	+42 32 6	SAO	1.5 .5				K3 II	4514S	40160	2427	PS12 AUR		1--	172.3	15.3
6 35 49.7	- 2 29 56	SAO	1.9 .4				K2	4515S	120	2440	GC 8664		1--	214.5	-4.
6 36 22.7	+26 10 44	SAO	1.8 .3				M4	4516S	30160		DO 12410		1--	183.4	.2
6 37 .8	+20 32 0	SAO	1.8 .4				M5	987S	20156		DO 12420		2--	193.5	5.6
6 37 52.4	- 6 17 57	SAO	1.7 .4				M3 III	4518S	-10136				1--	213.3	-3.4
6 38 30.6	+11 3 5	SAO	1.1 .3				M3	4520S	10132	2458	DO 1712		1--	188.0	2.6
6 39 8.0	-22 14 0	IRC	.9 .3				C	4521S	-20101		GM CMA		1--	232.0	-12.1
6 39 10.0	- 4 33 6	AGL		-1.3 .5			SC	992S	123		V372 MON		2--	212.9	-4.3
6 39 15.0	-16 57 54	AGL	1.5 .3					993S					1--	227.1	-9.6
6 39 33.1	- 9 7 3	SAO	1.3 .4				M0 G	4522S	-10137	2469	GC 8756		1--	223.0	-6.3
6 40 42.6	+71 24 37	SAO	1.8 .5				M7	4523S	70070		DO 30758		1--	143.6	25.2
6 40 47.4	+40 40 35	SAO	1.1 .4				M4 III	4526S	40162		DO 30802		1--	175.0	16.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
6 40 53.1	-20 6 11	SAO	1.4 .4				M1	4524S	-20103				1--	230.2	-10.8
6 41 3.2	+11 18 54	FIR			-1.9 .2			6386S					E? -F-	202.0	3.4
6 41 10.1	+13 16 48	SAO	1.2 .3				K1 III	4525S	10134	2478	30 GEM		1--	200.3	4.4
6 41 18.6	+11 26 55	FIR			-1.6 .2			6387S					-F-	201.9	3.6
6 42 30.6	+12 23 30	FIR			-1.9 .2			6388S					E? -*-	201.2	4.3
6 42 50.4	+ 8 5 31	EIC	1.4 .3				M5	4527S	10137		DO 1746		1--	205.1	2.4
6 42 55.1	+ 0 28 11	FIR			-1.5 .2			6389S					-*-	211.9	-1.1
6 43 10.7	+12 24 53	FIR			-2.6 .2			6390S					ED -*-	201.3	4.4
6 43 51.0	+48 50 41	SAO	1.7 .4				K1 III	4529S	50172	2487	PSI6 AUR		1--	167.3	19.5
6 43 54.2	-10 33 7	FIR			-2.1 .2			6391S					-F-	221.8	-6.0
6 44 28.0	-10 39 24	FIR			-1.9 .2			6392S					-F-	222.0	-5.9
6 44 36.0	+ 1 35 5	SAO	1.3 .3				M5	4530S	126		MR MON		1--	211.1	-.2
6 45 2.0	+ 0 45 6	IRC	1.5 .4				C	4531S	127		DF MON		1--	211.9	-.5
6 45 42.2	+ 5 35 54	SAO	1.7 .4		-1.1 .2		S5,1	4532S	10139		V613 MON		1--	207.6	1.8
6 45 59.0	-16 13 54	AGL	1.3 .3					1016S					1--	227.2	-8.0
6 46 25.8	+32 39 56	SAO	1.7 .4				K4 G	4533S	30167	2512	IS GEM		1--	183.1	13.9
6 46 29.0	- 1 36 30	IRC	2.1 .5				M6	4534S	129		V377 MON		1--	214.1	-1.3
6 47 14.4	+12 7 1	SAO	1.7 .4				M4	4535S	10141		DO 1783		1--	202.0	5.2
6 48 23.5	+15 8 13	SAO	1.3 .4				K5	4536S	20160				1--	199.4	6.8
6 49 46.0	+18 41 30	IRC	1.8 .5				M4	4537S	20162		DO 12613		1--	196.4	8.6
6 50 32.0	-37 9 0	AGL	1.5 .3					1030S					1--	247.0	-15.9
6 51 5.0	-21 54 24	IRC	2.0 .5				M7	4539S	-20111				1--	232.9	-9.5
6 51 8.0	-27 42 24	AGL	1.5 .3					1032S					1--	238.2	-11.9
6 51 20.1	+81 21 1	SPC			-1.3 .2			6393S					--3	132.7	27.2
6 51 30.0	+ 0 51 12	IRC	1.6 .4		-.8 .2		M5 III	4541S	137		QR MON		1?-	212.5	.9
6 52 28.0	-20 8 4	FIR				-3.0 .3		6394S					-F-	231.4	-8.4
6 52 52.2	-42 18 4	SAO	.6 .3				C8,2	4544S	-40054E	2591	GC 9077		1--	252.2	-17.4
6 52 57.1	+57 37 46	SAO	1.6 .4				K3 G	4543S	60177	2561	DO 31040		ED 1--	158.7	23.4
6 53 20.8	+ 9 19 31	FIR			-1.4 .2			6395S					-*-	205.2	5.2
6 53 22.0	+47 39 54	IRC	1.6 .4				M7	4545S	50173		QX AUR		1--	169.0	20.6
6 56 3.0	+ 8 31 30	AGL	1.6 .3					1048S					1--	206.2	5.5
6 56 22.0	+26 7 6	IRC	1.1 .4				M5 III	4546S	30170		SW GEM		1--	190.2	13.2
6 57 2.2	- 4 7 29	FIR			-1.4 .2			6396S					ED -*-	217.6	-.1
6 58 26.0	-14 16 42	IRC	2.1 .5				M6 G	4547S	-10144		RV CMA		1--	226.8	-4.5
6 59 4.0	+15 43 54	AGL	1.6 .3					1054S					1--	200.0	9.3
6 59 29.1	- 5 38 58	SAO	.8 .3				M2 G	4549S	-10145	2639	SVS 100794		1--	219.2	-.3
6 59 37.2	- 3 40 55	SAO	1.5 .4				M1 IB+A,B	4548S	143		DO 1902		1--	217.5	.7
7 0 15.0	-15 34 24	IRC	1.8 .4				M5	4550S	-20116				1--	228.1	-4.7
7 0 51.8	+11 1 36	SAO	1.3 .5				K3 III	4551S	10148	2649	GC 9303		1--	204.5	7.6
7 1 8.6	+20 38 43	SAO	1.5 .4				F7.5 IB	4552S	20169	2650	ZET GEM		1--	195.7	11.9
7 1 37.5	- 5 14 54	SAO	1.5 .4				K3 G	4553S	-10146	2655	GC 9323		1--	219.1	.4
7 1 48.0	+41 54 54	AGL	1.2 .3					4554S					1--	175.3	20.1
7 1 56.0	-16 31 30	IRC	1.5 .4				M8	4555S	-20117		Y CMA		1--	229.2	-4.8
7 2 5.0	- 9 53 0	IRC	1.4 .3	-1.1 .4			M6	4556S	-10148		BQ MON		1--	223.3	-1.7
7 2 31.0	-68 6 54	AGL		-2.3 .4	-3.2 .6			4558S					1--	279.0	-24.0
7 2 34.4	+31 28 13	SAO	1.7 .3				M0	4557S	30173		DO 12771		1--	185.7	16.6
7 2 45.0	+55 58 24	AGL	1.1 .3					4560S					1--	160.8	24.3
7 2 54.7	+ 9 15 47	SAO	1.9 .4				M0 G	4559S	10151	2663	DO 1933		1--	206.3	7.5
7 3 16.0	-40 58 42	AGL	1.6 .4		-4.3 .4			1063S			SVS 100807		1--	251.7	-15.1
7 3 28.0	+51 28 36	AGL	1.6 .3					4561S					1--	165.6	23.5

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
7 3 32.0	+12 44 6	AGL	1.0 .4				M2	1066S			DO 1935		1--	203.3	9.0
7 4 7.0	+33 21 0	AGL		-1.1 .4	-3.1 .5			4562S					1--	184.0	17.6
7 4 10.0	+32 32 36	AGL		-1.3 .4				4563S			IC 2176		1--	184.8	17.3
7 4 15.0	+28 22 30	IRC	1.5 .3		-3.0 .7		M10	1068S	30176		AM GEM		2--	188.8	15.7
7 4 15.0	-24 32 24	IRC	1.2 .3	-1.1 .4			M5	4564S	-20119				1--	236.6	-7.9
7 4 55.7	-11 53 56	SAO	1.6 .5				M3	4565S	-10150				1--	225.4	-2.0
7 5 39.0	+36 58 36	AGL	1.6 .3					4566S					1--	180.5	19.2
7 5 57.6	+10 6 16	SAO	1.7 .4	.9 C			C7,1	4567S	10154		R CMI		1--	205.9	8.4
7 6 19.7	+73 18 5	SPC				-2.7 .3		6397S					--2	141.8	27.4
7 7 43.0	-27 48 3	SAO	.7 .4				M2	4568S	-30077				1--	239.9	-8.7
7 9 5.0	+ 7 40 12	AGL	2.1 .4				SE	4569S			WX CMI		1--	208.4	8.0
7 9 37.0	+34 39 54	AGL	1.8 .4	-1.3 .4				4570S				EO	1--	183.1	19.1
7 9 46.0	- 1 19 42	AGL	2.6 .4					4572S			MW MON		1--	216.6	4.0
7 9 58.0	+17 43 54	IRC	1.2 .4				M9	4571S	20174		UZ GEM		1--	199.3	12.6
7 10 0.0	+14 40 42	IRC	1.7 .4				C7,2E	4574S	10156		VX GEM		1--	202.2	11.3
7 11 2.0	- 6 2 12	AGL		-1.3 .4				1088S					1--	220.9	2.1
7 11 16.6	-22 35 12	SAO	1.5 .4				K2	4575S	-20123	2730	SVS 100830		1--	235.6	-5.6
7 11 31.0	+27 43 36	AGL	2.0 .3					4576S					1--	190.0	16.9
7 11 38.5	+24 58 25	SAO	1.5 .3				M1 III	1089S	20176	2725	52 GEM		2--	192.7	15.9
7 11 42.8	+ 3 11 55	SAO	1.4 .4				K2 II	4578S	151	2729	GC 9590		1--	212.8	6.5
7 11 59.0	+55 51 36	AGL	1.6 .3					4579S					1--	161.2	25.5
7 14 32.0	+39 11 54	IRC	1.7 .3				M6	1097S	40171		DO 12910		2--	178.9	21.6
7 15 5.4	- 6 35 21	SAO	1.8 .4				K2	4580S	-10158	2765	GC 9698		1--	221.9	2.7
7 15 24.0	+76 15 48	AGL	1.3 .3					1100S					2--	138.5	28.1
7 16 11.0	-17 10 12	IRC	1.6 .5				M6.5	4582S	-20127		DU CMA		1--	231.3	-2.0
7 16 25.1	+ 3 37 30	SAO	1.2 .5				M5	4581S	154		DO 2097		1--	212.9	7.7
7 16 49.0	-26 29 36	SAO	1.9 .4				G1 IAB	4585S	-30084	2786	GC 9740		1--	239.7	-6.3
7 16 54.6	-11 22 7	SAO	1.8 .5				M5	4584S	-10159				1--	226.3	.9
7 16 55.5	-10 48 57	SAO	1.6 .4				M5	4583S	-10160				1--	225.8	1.1
7 17 24.0	+53 36 0	AGL	1.4 .3					4586S					1--	163.9	25.8
7 18 25.0	+35 0 18	AGL	1.9 .4		-2.8 .5			4588S					1--	183.4	20.9
7 18 42.3	+36 51 23	SAO	1.6 .4				G8 III	4587S	40174	2793	65 AUR		1--	181.6	21.6
7 18 59.9	+20 32 23	SAO	.8 .3				M0 IIIAB	4589S	20178	2795	56 GEM		1--	197.6	15.7
7 19 20.0	+26 6 0	AGL	2.3 .3					4590S				EO	1--	192.3	17.9
7 19 32.0	+43 7 36	AGL	1.6 .3					4592S					1--	175.1	23.6
7 19 35.7	-24 8 12	SAO	1.4 .4				M2	4591S	-20128				1--	237.9	-4.6
7 19 48.8	-14 50 39	AGL	1.3 .3	-1.0 .4	-.1 .2		S	4593S			TT CMA		1*-	229.7	-.2
7 20 6.0	+64 14 48	AGL	1.8 .3					4594S					1--	146.5	28.2
7 20 23.0	+36 40 0	AGL	1.6 .3					4595S					1--	181.9	21.8
7 20 40.9	+40 46 14	SAO	1.7 .5				K0 IIIP	4596S	40175	2805	66 AUR		1--	177.7	23.2
7 21 11.0	+37 41 36	IRC	1.7 .4				M3	4598S	40176		DO 12990		1--	180.9	22.3
7 21 12.0	-29 16 42	IRC	1.6 .4				M7	4597S	-30089				1--	242.6	-6.7
7 21 45.0	+36 41 6	AGL	1.3 .3					4599S					1--	183.0	21.8
7 21 55.7	+72 31 27	SPC			-1.9 .2	-2.8 .3		6398S					--4	142.8	28.5
7 23 48.0	+12 47 42	AGL	1.7 .3					1119S					1--	205.4	13.5
7 24 7.0	+75 10 0	IRC	1.6 .4				M6	1121S	80017		WZ CAM		2--	139.8	28.7
7 25 39.0	+40 47 0	IRC	2.0 .5				M7	4600S	40178		HM AUR		1--	177.9	24.1
7 25 41.7	+68 34 15	SAO	1.9 .4				K2 G	1126S	70076	2830	GC 9985		2--	147.3	28.7
7 25 50.2	+71 48 51	SPC			-1.4 .2			6399S					-S-	143.6	28.8
7 26 23.8	+79 28 14	SPC		-.0 .2		-2.8 .3		6400S					-?4	134.9	28.6

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
7 26 46.9	- 1 48 3	SAO	2.3 .5				K5 G	4601S	155	2865	GC 10017		1--	219.0	7.5
7 26 52.0	- 4 10 42	IRC	1.5 .3				M6E	4603S	156		RX MON		1--	221.1	6.4
7 26 59.6	-10 13 21	SAO	1.2 .4				K5 G	4602S	-10166	2867	GC 10022		1--	226.5	3.6
7 27 .8	+12 6 42	SAO	.9 .4				K2 III	4604S	10165	2864	6 CMI		1--	206.4	13.9
7 27 6.0	- 7 1 48	AGL	1.6 .3					1132S					1--	223.7	5.1
7 27 20.9	-17 28 10	SAO	1.3 .4				M4	4605S	-20132		SVS 6587		1--	232.9	.2
7 27 46.0	- 9 16 12	IRC	1.7 .4				M6	4606S	-10167		KO MON	EO	1--	225.7	4.2
7 27 50.5	+71 54 9	SPC			-1.6 .2	-2.4 .3		6401S					--4	143.5	28.9
7 28 35.5	+71 17 59	SPC			-2.5 .2			6402S					-?-	144.2	29.0
7 28 35.8	-10 0 5	SAO	1.6 .5				K2	4607S	-10168		GC 10062		1--	226.5	4.0
7 28 58.0	+40 47 18	AGL	1.8 .3					4608S					1--	178.1	24.7
7 30 3.0	-29 52 4	FIR				-2.4 .3		6403S					-?-	244.0	-5.3
7 30 35.3	+71 21 55	SPC			-2.8 .2			6404S					-?-	144.1	29.2
7 30 39.6	+67 33 47	SAO	1.8 .4				M6	1142S	70077		DO 31647		2--	148.4	29.1
7 30 54.9	+18 26 32	SAO		-1.4 .4			M4	4609S	20183		DO 13135		1--	200.8	17.4
7 31 26.0	+31 19 30	AGL		-1.4 .4				4610S			IC 2199		1--	188.1	22.3
7 31 34.0	- 9 58 24	AGL	1.3 .3					1146S					1--	226.8	4.7
7 31 41.0	+28 51 30	IRC	1.4 .5				M5	4611S	30189		DO 13143		1--	190.6	21.5
7 31 50.0	+ 2 56 12	AGL	2.0 .4					4612S			Z CMI		1--	215.3	10.9
7 31 54.0	+ 5 47 36	AGL	1.5 .3					1147S					1--	212.7	12.2
7 33 8.5	+78 23 22	SPC			-1.2 .2			6405S					--3	136.1	29.0
7 33 47.0	-19 46 6	IRC	1.5 .5			-2.4 .3	M7	4614S	-20135				1?-	235.6	.4
7 33 51.6	- 8 11 57	SAO	1.9 .5				K2	4615S	-10170	2920	GC 10192		1--	225.5	6.0
7 33 52.7	+40 8 20	SAO	1.5 .5	-.7 .4			M5	4616S	40180	2915	DO 13172		1--	179.1	25.4
7 34 51.0	+29 17 42	AGL	1.6 .3					1153S					1--	190.5	22.3
7 34 59.0	+ 8 44 30	AGL	2.0 .3					1154S					1--	210.4	14.2
7 35 30.0	+13 12 0	AGL	2.0 .3					1157S					1--	206.3	16.2
7 35 58.0	- 7 32 48	AGL	1.3 .3					1158S					1--	225.2	6.8
7 36 41.0	+43 33 30	AGL	1.7 .4	-1.2 .4	-3.2 .4			4618S				EO	1--	175.6	26.7
7 36 41.9	+57 11 57	SAO	1.7 .5				K5 G	4619S	60183	2929	23 LYN		1--	160.3	29.1
7 37 26.0	+34 21 18	AGL	1.4 .4					4620S			IC 2203		1--	185.4	24.4
7 37 31.0	-27 35 12	IRC	1.1 .4				C5,3	4621S	-30097				1--	242.8	-2.7
7 38 5.9	-15 8 48	SAO	1.0 .3				K3 II	4622S	-20139	2959	GC 10328		1--	232.1	3.6
7 38 36.0	-28 23 18	AGL		-1.7 .4				1165S					1--	243.6	-2.9
7 38 59.0	+53 0 0	AGL	1.3 .3					4624S					1--	165.2	28.9
7 39 14.6	-22 13 9	SAO	1.2 .3				M1	4625S	-20141	2976	GC 10352		1--	238.4	.3
7 39 16.0	+ 8 34 54	AGL	1.6 .3					1170S					1--	211.0	15.1
7 39 35.0	+25 57 48	AGL	1.5 .3					1172S					1--	194.2	22.1
7 39 56.0	+23 34 54	AGL	1.7 .4				M4-6E	4626S			S GEM		1--	196.7	21.3
7 40 21.0	+44 21 18	AGL		-1.1 .4	-2.5 .4			4627S					1--	174.9	27.6
7 41 19.0	-33 12 0	IRC	1.8 .5					4628S	-30081E				1--	248.1	-4.8
7 42 3.6	+42 13 21	SAO	2.0 .4				M6	4629S	40185		DO 31839		1--	177.3	27.4
7 42 25.9	+51 8 52	SAO	2.1 .4				M0	4630S	50185		DO 31838		1--	167.3	29.1
7 43 2.0	+ 3 42 54	AGL	1.3 .3					1185S					1--	215.9	13.7
7 43 35.3	- 6 38 54	SAO	1.3 .4				K5 III	4631S	-10176	3014	GC 10465		1--	225.3	8.9
7 44 16.8	-21 25 20	SAO	1.9 .5				M1	4632S	-20142				1--	238.3	1.7
7 45 2.0	-19 16 42	IRC	1.8 .4				M4	4635S	-20143				1--	236.5	2.9
7 45 11.0	+24 9 12	AGL	1.6 .3					4634S			SVS 100897		1--	196.5	22.6
7 45 28.6	-15 53 23	SAO	1.7 .4				M2 II	4636S	-20144	3027	GC 10514		1--	233.6	4.7
7 46 13.8	+13 29 51	SAO	2.2 .4				K1	4637S	10177	3030	GC 10539		1--	207.1	18.7

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
7 46 58.4	-35 36 49	SAO	1.6 .4				MA	4638S	-30087E				1--	250.8	-5.0
7 47 20.9	-13 57 30	SAO	1.5 .5				K5	4639S	-10178		GC 10566		1--	232.2	6.1
7 47 40.7	-33 9 42	SAO	.9 .3				K5	4640S	-30088E	3052	GC 10574		1--	248.8	-3.6
7 48 17.2	-27 50 41	SAO	1.4 .4				M5	4641S	-30101				1--	244.3	-.8
7 48 43.0	-34 48 42	AGL		-1.7 .4	-3.6 .5			1198S					1--	250.3	-4.3
7 49 42.0	-35 5 48	IRC	1.3 .4					4642S	-30090E				1--	250.6	-4.3
7 50 48.8	- 7 54 53	SAO	1.3 .3	-.2 .5			M8	4643S	-10182				1--	227.3	9.8
7 51 4.6	+47 41 46	SAO	1.7 .4				K4 G	1202S	50186	3066	26 LYN		2--	171.5	30.0
7 51 30.0	+ 1 53 12	AGL	2.0 .4				ME	4644S			VX CMI		1--	218.6	14.7
7 51 34.0	-28 49 24	AGL	1.3 .3					1203S					1--	245.5	-.7
7 52 18.0	+30 37 42	AGL	1.4 .3					1206S					1--	190.4	26.3
7 52 47.0	-34 42 51	SAO		-2.1 .4			K2	4645S	-30092E	3092	GC 10709		1--	250.6	-3.5
7 52 54.2	-30 4 0	FIR			-1.1 .2			6406S			LM PUP		-?-	246.7	-1.1
7 52 56.0	+20 6 18	AGL			-2.9 .4			1208S					1--	201.3	22.8
7 53 29.0	+16 54 36	AGL	1.2 .3					1211S					1--	204.6	21.7
7 53 46.0	+11 2 6	AGL		-1.2 .4				1212S					1--	210.3	19.3
7 53 48.1	+11 10 47	SAO	1.8 .3				M4	4649S	10179		DO 2361		1--	210.2	19.4
7 54 6.9	+79 19 39	SPC		-.2 .2				6407S					-S-	134.8	29.9
7 54 8.8	+67 57 1	SAO	1.1 .4				M5	4647S	70079		SVS 6600		1--	148.0	31.3
7 54 14.0	+21 27 0	IRC			-3.7 .4		M8 III	4650S	20192		XY GEM		1--	200.1	23.6
7 54 15.1	-74 3 17	SAO	.9 .3				K3 III	4648S	70080	3075	GC 10745		1--	140.9	30.7
7 54 42.5	-22 44 44	SAO	1.4 .4				F8 II	4652S	-20150	3102	11 PUP		1--	240.6	3.1
7 55 22.0	-15 4 6	IRC	1.5 .3				M6	4653S	-20151				1--	234.1	7.2
7 55 40.4	+16 39 18	SAO	1.6 .4				K0	4654S	20193	3104	GC 10773		1--	205.1	22.1
7 56 52.0	-32 26 6	IRC	1.2 .4		.0 .2		M7	4655S	-30108				1*-	249.1	-1.6
7 58 8.5	-19 35 3	FIR			-1.9 .2			6408S					-*-	238.4	5.4
7 58 19.2	-32 34 23	SAO	1.1 .3	-1.3 .5			M	4656S	-30109				1--	249.4	-1.4
7 58 36.0	-29 56 0	AGL		-2.2 .4			M6	4657S	-30110				1--	247.2	.0
7 59 7.0	-31 33 36	AGL		-1.6 .4			S3,1	4658S	-30111				1--	248.6	-.7
8 0 13.0	+47 6 6	AGL		-1.7 .4				1219S					2--	172.4	31.5
8 0 15.7	-26 5 8	SAO	1.7 .4				M3	4659S	-30112				1--	244.2	2.4
8 0 27.0	+27 56 10	SAO	1.6 .5				K2 III	4660S	30198	3149	CHI GEM		1--	193.9	27.1
8 0 47.0	-12 4 54	IRC	1.7 .4				M7	4661S	-10186				1--	232.2	9.9
8 2 37.0	+34 16 24	AGL			-3.2 .4			1225S					1--	187.1	29.4
8 2 37.9	-29 49 21	SAO	1.8 .5				M4	4662S	-30118		GC 10968		1--	247.6	.8
8 2 57.8	-32 9 17	FIR			-2.0 .2			6409S					-*-	249.6	-.4
8 3 8.0	-16 58 30	IRC	2.0 .4				M5	4663S	-20155				1--	236.8	7.8
8 3 20.0	+60 51 54	IRC	1.6 .4				M6	1229S	60185		DO 32087		2--	156.2	32.7
8 3 33.0	- 0 32 6	AGL	1.7 .3					1230S					1--	222.3	16.2
8 3 45.4	-32 12 14	FIR			-2.1 .2			6410S					-*-	249.7	-.3
8 4 39.7	-31 24 5	FIR			-1.4 .2			6411S					-?-	249.2	.3
8 5 20.1	-22 46 0	SAO	1.5 .4				C5,4.5	4666S	-20156		RU PUP		1--	242.0	5.1
8 5 27.0	+47 28 12	AGL	1.5 .3					4667S					1--	172.1	32.4
8 6 46.0	+55 40 48	AGL	1.4 .3		-3.5 .4			4668S					1--	162.4	33.1
8 7 6.7	- 3 5 36	FIR			-2.1 .2			6412S					-F-	225.1	15.8
8 7 9.8	+17 9 53	SAO	1.3 .4				M2 G	4669S	20196		DO 13429		1--	205.7	24.8
8 8 15.3	- 3 7 50	FIR				-2.9 .3		6413S					-F-	225.3	16.0
8 8 34.9	- 2 38 19	FIR				-3.0 .3		6414S					-F-	224.9	16.3
8 8 46.6	- 2 39 30	FIR				-3.2 .3		6415S					-F-	224.9	16.3
8 8 51.0	+ 3 39 18	AGL	1.1 .3					1234S					1--	219.1	19.4

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
8 9 11.0	+43 42 42	AGL			-3.2 .4			4670S					1--	176.7	32.5
8 9 11.3	- 3 18 11	FIR			-1.9 .2			6416S					-F-	225.5	16.1
8 9 20.6	- 3 53 52	FIR				-2.7 .3		6417S					-?-	226.1	15.8
8 9 23.3	- 4 11 50	FIR				-2.9 .3		6418S					-?-	226.4	15.7
8 9 24.1	- 3 28 33	FIR			-1.0 .2			6419S					-*-	225.7	16.1
8 9 32.0	+44 21 54	AGL	1.6 .3		-2.4 .5			4671S					1--	175.9	32.7
8 9 34.3	- 4 12 54	FIR				-2.7 .3		6420S					-?-	226.4	15.7
8 9 35.0	+19 11 30	AGL	1.6 .3					4672S					EO 1--	203.9	26.1
8 9 37.0	- 2 26 49	FIR				-2.6 .3		6421S					-F-	224.8	16.6
8 9 51.0	+ 2 2 30	AGL	1.9 .4	-.6 .4				1236S					EO 1--	220.7	18.8
8 10 7.3	- 2 39 37	FIR			-1.0 .2			6422S					-F-	225.1	16.6
8 10 8.5	- 3 31 45	FIR				-2.6 .3		6423S					-?-	225.9	16.2
8 10 15.8	- 3 45 19	FIR				-2.4 .3		6424S					-*-	226.1	16.1
8 10 17.9	- 2 40 41	FIR			-1.4 .2			6425S					-F-	225.1	16.7
8 10 20.2	- 3 32 53	FIR				-2.7 .3		6426S					-?-	225.9	16.2
8 10 28.4	- 2 49 41	FIR				-2.8 .3		6427S					-F-	225.3	16.6
8 10 28.9	- 3 4 4	FIR				-2.6 .3		6428S					-F-	225.5	16.5
8 10 34.0	-32 40 0	AGL	1.3 .3					1237S					1--	250.9	.7
8 10 50.0	+45 55 54	AGL			-2.7 .5			4673S			IC 2233		EO 1--	174.1	33.1
8 11 13.4	- 2 27 16	FIR				-3.1 .3		6429S					-F-	225.0	17.0
8 11 14.7	- 2 49 25	FIR				-2.7 .3		6430S					-F-	225.4	16.8
8 11 18.3	- 3 20 50	FIR				-2.6 .3		6431S					-F-	225.9	16.5
8 11 26.6	- 2 52 10	FIR				-2.6 .3		6432S					-F-	225.4	16.8
8 11 31.0	- 2 29 0	FIR				-3.0 .3		6433S					-F-	225.1	17.0
8 11 34.0	+37 49 6	IRC	1.6 .5				M6E	4675S	40193		RT LYN		1--	183.6	32.0
8 11 40.0	+40 32 6	AGL	1.9 .3					4674S					1--	180.5	32.5
8 11 40.6	- 3 5 18	FIR				-2.0 .3		6434S					-F-	225.7	16.7
8 11 58.0	+ 8 40 42	AGL	1.6 .4	-.8 .4			M7	4676S			TV CNC		1--	214.7	22.3
8 12 24.0	+ 4 45 18	AGL	1.6 .3					4677S					1--	218.5	20.7
8 12 26.0	+17 17 24	AGL	1.6 .3					4678S					1--	206.1	26.0
8 13 20.0	+23 35 24	AGL			-3.0 .4			4679S			IC 2255		1--	199.6	28.5
8 15 14.0	+39 37 12	AGL	1.6 .3	-.6 .4				4681S					1--	181.7	33.0
8 16 47.0	+23 6 48	AGL	1.5 .3					4682S					EO 1--	200.4	29.1
8 16 54.0	+39 36 18	AGL			-3.1 .4			4683S					1--	181.8	33.3
8 19 35.0	+33 40 0	AGL	1.4 .4				C6,3	1246S			T LYN		2--	188.8	32.7
8 20 27.5	- 7 22 55	SAO	1.1 .4				M1	4686S	-10193	3288	GC 11437		1--	230.7	16.4
8 20 35.0	+18 55 48	AGL			-3.0 .4			4685S			IC 2340		1--	205.2	28.4
8 20 44.0	+19 8 12	AGL	2.1 .3					4687S			IC 2343		1--	205.0	28.5
8 20 58.0	+ 1 33 6	AGL	1.5 .3					1248S					1--	222.6	21.0
8 21 20.0	+42 10 4	SAO	1.4 .4				K5 G	4688S	40196	3287	DO 32263		1--	178.9	34.5
8 22 3.0	+28 4 42	AGL		-1.7 .4				4689S			SVS 100954		2--	195.4	31.7
8 22 51.0	+19 41 18	AGL	1.4 .3					4691S			IC 2363		1--	204.7	29.2
8 22 54.1	-23 52 58	SAO	1.3 .4				K5 III	4690S	-20166	3315	GC 11491		1--	245.1	7.9
8 22 59.8	+ 2 15 58	SAO	1.7 .4				K5 G	4692S	174	3305	GC 11493		1--	222.2	21.8
8 23 57.0	+59 14 48	AGL	1.8 .3					4693S					1--	158.0	35.3
8 24 34.0	+13 8 54	AGL			-3.7 .4			1256S					2--	211.7	27.1
8 24 50.0	-27 35 54	AGL		-2.0 .4				1257S					1--	248.5	6.1
8 24 56.7	-26 25 42	FIR			-1.9 .2			6435S					EO -F-	247.5	6.8
8 26 25.0	-26 29 58	FIR			-1.8 .2			6436S					-F-	247.8	7.0
8 26 31.0	+21 52 24	AGL	1.1 .3					4694S					1--	202.6	30.8

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
8 26 51.0	+44 18 54	AGL	1.6 .3					4695S				EO	1--	176.4	35.8
8 27 33.1	+76 14 3	SPC			-1.1 .2	-2.4 .3		6437S					--4	137.8	32.3
8 28 1.0	+43 49 30	AGL	1.6 .3					4696S					1--	177.0	35.9
8 28 20.3	- 7 51 8	FIR				-3.1 .3		6438S					-?-	232.2	17.8
8 28 49.0	+24 10 6	AGL		-.7 .4				1264S			IC 0509		1--	200.3	32.0
8 30 25.0	-67 37 12	AGL			-4.0 .5			4698S					1--	282.0	-16.3
8 30 31.2	-26 41 10	FIR			-2.0 .2			6439S					-F-	248.5	7.7
8 31 22.2	- 9 49 35	SAO	1.7 .5				MA	4699S	-10197				1--	234.4	17.4
8 31 30.0	+ 4 7 24	AGL	0.0 .3					1269S					1--	221.5	24.6
8 31 31.6	-23 45 39	FIR				-2.7 .3		6440S					-F-	246.2	9.6
8 31 54.0	+38 54 30	AGL	1.8 .3					4700S					1--	183.2	36.1
8 31 54.4	+ 5 40 34	SAO	1.2 .5				K5	4701S	10191		DO 2545		1--	220.1	25.4
8 32 1.0	+29 57 6	AGL	1.6 .3					4702S					1--	193.9	34.3
8 32 33.0	+57 42 30	AGL	1.5 .3					4703S					1--	159.8	36.6
8 32 34.9	+81 39 25	SPC		-.5 .2				6441S					-S-	131.7	30.8
8 34 39.0	+19 49 30	AGL	1.4 .3	-.9 .4	-2.3 .6			1272S			NGC 2625		1--	205.7	31.8
8 34 48.5	- 5 19 58	FIR			-1.8 .2			6442S					-F-	230.8	20.5
8 35 51.9	+64 30 17	SAO	1.2 .3				K2 III	1277S	60188	3403	PI2 UMA		2--	151.4	36.0
8 36 24.9	-19 33 38	SAO	1.6 .4				K5	4704S	-20172	3425	GC 11865		1--	243.4	12.9
8 37 7.0	-23 55 36	AGL	1.4 .3					1279S					1--	247.1	10.5
8 37 34.2	+46 0 39	SAO		-1.0 .4			G8 IV	4706S	50193	3422	34 LYN		1--	174.4	37.8
8 37 36.0	+16 26 12	AGL	1.4 .3					4707S					1--	209.7	31.3
8 37 39.3	-12 17 51	SAO	1.5 .4				K4 III	4705S	-10200	3431	6 HYA		1--	237.4	17.3
8 39 38.2	- 2 52 12	SAO	1.1 .3				M7	4708S	178		DO 2587		1--	229.2	22.9
8 41 51.0	+59 35 30	AGL	1.6 .3					4710S					1--	157.2	37.5
8 43 45.4	-10 38 49	SAO	.8 .4				M3	4713S	-10206		GC 12087		1--	236.9	19.5
8 43 58.4	+79 8 50	SAO	1.2 .3				M4 III	1286S	80018		RS CAM		2--	134.2	32.2
8 44 48.0	+49 15 6	AGL		-.8 .4				4714S					1--	170.3	39.0
8 47 45.0	+44 22 42	AGL	1.5 .3					4715S					1--	176.6	39.5
8 48 23.0	+63 54 12	AGL			-2.9 .4			4716S					1--	151.7	37.4
8 49 34.0	- 3 13 12	IRC	1.4 .3				M6	4717S	180		DO 2638		1--	231.0	24.8
8 52 41.0	+23 0 30	AGL			-3.0 .4			4718S					1--	203.7	36.9
8 53 55.9	+41 32 2	SAO	1.9 .4				M5 III	4719S	40198				1--	180.4	40.5
8 54 19.0	+11 2 12	IRC	1.5 .4				M5EP	4720S	10198		DO 2661		1--	217.4	32.8
8 55 37.0	+29 8 12	AGL			-3.4 .4			4721S					1--	196.4	39.1
8 57 20.4	+37 48 1	SAO	1.6 .3		-2.3 .5		K5	4723S	40199	3580	DO 13749		1--	185.3	40.9
9 1 52.0	+52 50 48	AGL			-3.1 .4			4725S					1--	165.3	41.3
9 2 30.0	- 5 56 12	AGL	1.3 .3					1312S					1--	235.5	26.0
9 2 31.0	- 7 6 12	AGL	.7 .3					1313S					1--	236.5	25.3
9 3 20.5	+ 5 17 36	SAO	1.3 .4		-2.9 .5		K2 II	4726S	10201	3613	OME HYA		1--	224.7	32.1
9 3 52.0	+27 44 54	AGL	1.5 .3					4727S					1--	198.7	40.6
9 4 26.0	+37 22 54	AGL			-3.4 .4			4728S			IC 2434		1--	186.1	42.3
9 4 37.0	+32 54 30	AGL	1.3 .3					4729S					1--	192.0	41.7
9 6 24.0	+59 6 0	AGL	1.3 .3					4731S					1--	157.0	40.7
9 6 37.0	+ 3 34 12	AGL		-1.7 .4				1322S					1--	226.9	32.0
9 7 42.0	+58 14 0	AGL	1.2 .3					4732S					1--	158.1	41.1
9 8 8.0	-62 51 0	AGL		-2.4 .4				4733S					1--	280.6	-10.3
9 8 36.0	+19 11 12	AGL	1.5 .3				M3	1329S			DO 13439		1--	209.8	39.1
9 10 52.0	- 7 38 26	FIR				-3.6 .3		6443S					-F-	238.4	26.7
9 12 27.0	+ 9 49 12	AGL		-.7 .4				1333S					1--	221.1	36.2

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
9 12 42.0	+23 40 12	AGL			-3.0 .4			4735S			IC 2451		1--	204.6	41.4
9 12 43.0	+48 42 6	AGL	1.1 .3					4736S					1--	170.6	43.6
9 12 57.3	+81 7 29	SPC			-1.4 .2			6444S					-*?	131.5	32.4
9 13 30.0	-15 29 6	IRC	1.0 .4				M7	4737S	-20185				1--	245.6	22.4
9 14 10.0	+37 38 0	AGL			-2.6 .4			1337S					2--	185.9	44.2
9 15 23.0	+47 28 18	AGL	1.6 .3					4738S					1--	172.2	44.2
9 15 47.0	+ 5 57 6	AGL	1.5 .3					1338S					1--	225.8	35.1
9 16 5.0	+36 35 36	AGL	1.3 .3					4739S					1--	187.4	44.5
9 16 46.0	+42 58 18	AGL			-3.5 .4			4740S					1--	178.4	44.8
9 17 15.0	+45 25 30	AGL			-3.0 .4			4741S					1--	175.0	44.7
9 17 56.0	+ 6 55 0	AGL			-3.2 .4			1340S					1--	225.1	36.1
9 19 28.0	+41 40 30	AGL		-.7 .4				1345S					2--	180.3	45.3
9 19 45.0	- 6 33 54	AGL	1.2 .3					1346S					1--	238.9	29.1
9 20 29.0	+31 58 12	AGL	1.4 .3					1347S					1--	194.0	44.9
9 20 48.0	+21 35 18	AGL			-3.2 .4			1349S					1--	208.1	42.6
9 21 57.0	+41 55 36	AGL	1.6 .3					4742S					1--	179.9	45.8
9 22 57.7	-26 51 34	FIR			-1.5 .2			6445S					-*-	256.2	16.6
9 25 25.4	+75 29 27	SPC		-.4 .2	-1.0 .2			6446S					--4	136.9	35.9
9 25 45.0	- 7 30 7	SAO	1.6 .4				MA	4743S	-10218				1--	240.7	29.7
9 27 19.7	-30 39 52	FIR			-.8 .2			6447S					-*-	259.8	14.6
9 27 36.5	+63 16 55	SAO	1.8 .4				F0 IV	4744S	60195	3757	23 UMA		1--	150.6	41.7
9 28 13.3	+25 16 5	SAO	1.8 .6				M6	4745S	30212		DO 13922		1--	203.8	45.3
9 29 31.0	- 7 27 36	AGL	1.2 .3					1359S					1--	241.4	30.5
9 29 31.5	+51 54 23	SAO	2.1 .5				F6 IV	4746S	50198	3775	THE UMA		1--	165.4	45.7
9 31 8.0	- 9 3 54	AGL	1.2 .3					1364S					1--	243.1	29.8
9 31 57.1	+39 50 40	SAO	1.6 .4				K0 III	4747S	40209	3809	GC 13221		2--	182.8	47.7
9 32 7.8	-29 41 57	FIR			-1.2 .2			6448S					-?-	259.8	16.0
9 33 28.7	-29 45 48	FIR				-3.3 .3		6449S					-F-	260.1	16.2
9 34 53.0	+11 55 0	AGL		-1.0 .3				1367S					1--	221.9	42.1
9 35 23.0	+58 46 27	SAO	1.7 .4				M2 G	4749S	60196		DO 32928		2--	155.8	44.4
9 35 50.9	+ 4 52 34	SAO	1.6 .3		-3.6 .4		K3 III	4750S	189	3834	DO 2798		1--	230.2	38.9
9 38 11.0	+19 27 0	AGL			-3.1 .4			1370S					1--	212.7	45.8
9 38 23.6	+72 28 53	SAO	1.9 .5				K0 III	4752S	70092	3839	27 UMA		1--	139.5	38.2
9 33 29.0	+10 7 15	SAO	1.6 .5				F6 II+A2	4751S	10210	3852	OMI LEO		1--	224.6	42.1
9 40 42.4	+53 59 47	SAO	1.4 .4				M7	4753S	50200		YY UMA		1--	161.9	46.7
9 43 56.0	- 5 48 0	IRC	1.6 .4				M4	4754S	-10224				1--	242.5	34.3
9 44 24.0	+ 5 55 54	AGL		-1.2 .4				4755S			IC 2509		1--	230.4	41.2
9 45 22.0	+66 14 15	SPC			-3.4 .2			6450S					-S-	145.9	42.1
9 45 29.4	-25 45 7	FIR				-2.3 .3		6451S					-?-	259.2	20.9
9 45 43.7	+66 30 52	SPC			-3.2 .2			6452S					-S-	145.6	42.0
9 45 44.5	+67 55 23	SPC			-3.4 .2			6453S					-S-	144.0	41.2
9 46 5.8	+66 47 29	SPC			-2.5 .2			6454S					-S-	145.3	41.9
9 46 11.0	+53 47 0	IRC	1.6 .3				M6	4756S	50201		DO 33010		1--	161.8	47.5
9 47 25.8	- 7 6 34	FIR			-2.3 .2			6455S					-F-	244.4	34.2
9 47 56.0	+ 2 23 42	ACL	1.4 .3					1382S					1--	235.0	40.1
9 48 19.8	+13 18 3	SAO	2.0 .5	-.7 .4			M0 G	4757S	10217	3896	23 LEO		1--	222.2	45.6
9 48 26.1	- 6 56 2	FIR			-1.6 .2			6456S					-*-	244.4	34.5
9 51 1.0	-17 41 25	SAO	1.7 .4				M1	4759S	-20200				1--	254.1	27.6
9 51 18.2	+10 29 43	SAO	1.3 .4				M7	4758S	10219		DO 2849		1--	226.2	45.0
9 55 50.9	-27 44 7	FIR				-2.9 .3		6457S					-?-	262.5	21.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
9 56 12.0	+ 5 2 55	SAO	1.5 .4				M2 III	4760S	10223		DO 2861		1--	233.6	43.2
9 56 26.1	+57 3 7	SAO	1.8 .3	-2.0 .4			K5 G	4761S	60199	3939	DO 33091		1--	156.5	47.6
9 57 27.2	+70 13 15	AGL	1.5 .3	.5 .2				4762S					1*-	140.7	40.8
9 58 48.3	- 4 46 21	FIR			-1.5 .2			6458S					-F-	244.4	37.8
9 59 3.7	+80 24 30	SPC		.6 .2		-2.4 .3		6459S			NGC 3057	GALAXY	-*4	130.8	34.3
10 0 24.8	+41 32 49	SAO	1.5 .4				M5	4763S	40214		DO 33133	EO	1--	179.4	52.9
10 0 31.0	+20 57 18	AGL			-3.5 .4			1393S					1--	213.1	51.2
10 1 5.0	+45 8 18	AGL	1.5 .3					1394S					1--	173.6	52.3
10 1 12.7	- 9 19 52	SAO	1.5 .4				K0	4764S	-10228	3959	GC 13823		1--	249.1	35.2
10 2 6.0	+84 4 54	AGL	1.4 .3					4765S					1--	127.6	31.7
10 3 14.4	+18 20 43	SAO	1.4 .4				M8	4768S	20216		DO 14081		1--	217.4	50.9
10 4 3.5	- 4 18 18	FIR			-1.4 .2			6460S					-F-	245.1	39.1
10 4 59.1	+ 1 9 47	SAO	1.9 .4				M2 G	4769S	192		DO 2890		1--	239.7	42.8
10 5 9.0	+10 58 18	AGL			-3.4 .4			1398S					1--	228.0	48.2
10 5 29.0	+17 36 6	IRC	1.0 .3				M7	4770S	20217		DD LEO		1--	218.8	51.2
10 5 40.3	-12 22 16	FIR			-.2 .2	-3.3 .3		6461S					-F-	252.7	33.9
10 5 50.3	- 5 34 55	FIR			-.9 .2			6462S					-?-	246.7	38.6
10 6 37.5	- 9 23 21	FIR			-2.3 .2			6463S					-F-	250.3	36.2
10 7 27.0	+24 36 36	AGL		-1.5 .4				4772S			IC 2551		1--	208.0	53.8
10 8 55.8	-18 42 33	SAO	1.3 .3				M3 III	4773S	-20206		GC 13998		1--	258.4	29.8
10 10 59.6	+59 38 54	SAO	1.5 .4				M7	1401S	60201		DO 33211		2--	151.7	48.0
10 11 17.0	+56 36 0	IRC	1.0 .3	-.3 .5			M7	1402S	60202		DO 33214		1--	155.7	49.6
10 12 46.0	-57 34 12	AGL		-1.3 .5	-3.1 .5	-6.8 .6		4774S					1--	283.2	-1.1
10 12 49.0	+79 34 24	AGL	1.6 .3					4775S					1--	131.0	35.3
10 13 21.0	-54 12 24	AGL		-2.2 .4				4776S			W VEL		1--	281.4	1.8
10 15 2.0	-57 40 36	AGL		-1.7 .4				4777S			NGC 3199	H II	1--	283.6	-1.0
10 16 10.0	+18 50 18	AGL			-3.4 .4			1408S					1--	218.4	54.0
10 16 21.0	-53 45 0	AGL		-2.4 .4				4778S					1--	281.6	2.4
10 16 33.0	+21 30 0	AGL	1.7 .4		-3.8 .4			1409S					1--	214.1	54.9
10 17 7.3	-30 34 4	FIR			-1.3 .2			6464S					-F-	268.3	21.6
10 21 .7	- 3 23 22	SAO	1.9 .4				M2	4780S	193		DO 2932		1--	247.9	42.9
10 21 43.2	-16 25 28	FIR				-2.4 .3		6465S					-?-	259.4	33.5
10 24 13.6	+81 12 38	SPC		-.4 .2				6466S					-S-	129.3	34.4
10 24 59.9	+36 57 51	SAO	1.5 .5	-1.4 .5			G9 IIIAB	4782S	40219	4100	BET LMI		1--	186.3	58.3
10 25 32.0	-21 28 30	IRC	1.6 .4				M3	4783S	-20211				1--	263.9	30.1
10 26 24.2	+81 28 39	SPC		-.8 .2				6467S					-S-	129.0	34.2
10 27 33.7	+65 35 59	SPC			-1.9 .2			6468S					-S-	143.1	45.9
10 28 28.5	- 7 22 49	SAO	1.9 .4				K5 III	4785S	-10241	4122	GC 14442		1--	253.5	41.4
10 28 43.2	+81 44 38	SPC		-.9 .2				6469S					-S-	128.7	34.0
10 31 11.4	+82 0 33	SPC		-1.7 .2				6470S					-S-	128.4	33.9
10 32 11.5	+ 7 12 42	SAO	2.3 .4				G8 II	4787S	10232	4146	48 LEO		1--	238.5	51.8
10 32 32.0	+14 37 30	AGL	1.8 .3					1425S					1--	227.9	55.8
10 32 47.0	-48 36 54	AGL		-1.7 .4				4788S					1--	281.0	8.1
10 33 32.0	-63 20 54	AGL			-4.0 .4			4789S					1--	288.5	-4.6
10 34 26.0	+79 0 16	AGL	1.2 .3					4790S					1--	130.5	36.4
10 38 16.6	+68 42 19	SAO	1.9 .4				K3 G	4791S	70096	4176	GC 14682		1--	138.9	44.4
10 39 23.5	+31 57 33	SAO	1.3 .4				M4 IIIA	4792S	30224	4184	RX LMI		1--	195.9	61.6
10 39 56.8	+82 47 44	SPC		-1.1 .2				6471S					-?-	127.6	33.4
10 41 .4	- 2 54 40	FIR				-3.6 .3		6472S					-F-	252.4	46.8
10 43 42.0	-59 52 48	AGL		-1.4 .4				4793S			BN CAR	EO	1--	287.9	-1.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
10 44 15.9	+65 52 52	SAO	1.3 .4				M4 III	4794S	70101		DO 33430		1--	141.0	46.9
10 45 12.2	- 2 4 59	FIR				-3.2 .3		6473S					-?-	252.7	48.1
10 46 7.6	- 1 41 40	SAO	1.0 .4				M1.5 G	4795S	195	4224	DO 3001		1--	252.6	48.5
10 46 41.9	+69 11 9	SPC			-2.3 .2			6474S					-?-	137.7	44.6
10 48 33.5	- 0 7 6	FIR			-1.3 .2			6475S					-F-	251.6	50.1
10 48 59.6	+69 42 24	SPC			-1.3 .2			6476S					-S-	137.0	44.3
10 55 52.1	+70 40 31	SPC			-2.0 .2			6477S					-S-	135.6	43.9
10 56 45.7	+36 21 43	SAO	1.2 .3				M3 IIIA	4796S	40221	4278	DO 14320		1--	185.2	64.7
10 57 2.5	-16 5 7	SAO	1.7 .4				M2.5 G	4798S	-20220	4284	GC 15101		1--	267.7	38.7
10 57 15.2	-31 31 56	FIR				-3.5 .3		6478S					-F-	276.8	25.3
10 57 22.9	+45 47 41	SAO	1.5 .4				K5 G	4797S	50206	4280	GC 15109		1--	165.8	61.3
10 59 40.4	+76 32 32	SPC		-.9 .2				6479S					-S-	130.9	39.1
11 0 38.3	- 9 25 32	FIR				-2.9 .3		6480S					-?-	263.7	44.8
11 1 45.0	+84 29 13	SPC			-.9 .2	-2.0 .3		6481S					--3	125.9	32.3
11 3 50.0	-62 13 30	AGL			-3.3 .6			4799S			RCW 56		1--	291.1	-2.1
11 4 54.1	-24 42 11	FIR			-1.2 .2			6482S					-?-	274.9	32.2
11 5 19.3	+66 13 10	SPC				-3.2 .3		6483S					-S-	138.3	48.0
11 6 5.9	+66 47 58	SPC				-3.1 .3		6484S					-S-	137.7	47.6
11 6 17.1	+20 31 45	SAO	1.4 .3				M5	4800S	20225		DO 14361		1--	223.8	65.6
11 7 0.0	+31 7 36	AGL	1.4 .3					1465S					1--	197.3	67.5
11 7 18.4	+67 3 8	SPC				-3.2 .3		6485S					-S-	137.3	47.4
11 7 26.0	-43 47 42	AGL		-2.4 .4				4801S					1--	284.3	15.1
11 8 32.5	+67 18 17	SPC				-3.6 .3		6486S					-S-	137.0	47.3
11 8 54.6	+66 58 40	SPC				-3.4 .3		6487S					-S-	137.2	47.6
11 9 45.0	+28 49 12	AGL	1.6 .3	-.3 .4				1468S					1--	203.4	68.1
11 9 48.2	+67 33 23	SPC				-3.6 .3		6488S					-S-	136.6	47.1
11 9 51.5	+ 3 7 36	FIR			-1.3 .2			6489S					-F-	254.4	56.1
11 9 57.0	+ 3 19 7	FIR			-1.4 .2			6490S					-F-	254.2	56.3
11 10 9.4	+67 13 46	SPC				-3.6 .3		6491S					-S-	136.8	47.4
11 10 26.7	+ 2 53 36	FIR			-1.9 .2			6492S					-F-	254.9	56.0
11 10 53.6	+ 2 48 35	FIR			-1.7 .2			6493S					-F-	255.1	56.0
11 11 20.0	- 8 43 36	AGL		-1.0 .4				1469S					1--	266.3	46.8
11 11 25.7	+67 28 49	SPC				-3.6 .3		6494S					-S-	136.5	47.3
11 11 36.1	+ 3 6 21	FIR			-2.0 .2			6495S					-F-	255.0	56.4
11 11 50.0	+27 10 0	AGL	1.4 .3					1470S					1--	208.0	68.4
11 12 52.5	-11 18 54	SAO	1.3 .3		-.4 .2		M4 III	4804S	-10251				1*-	268.7	44.8
11 13 15.0	+13 34 50	SAO	1.7 .4	-.6 .5			K3 III	4805S	10237	4365	73 LEO		1--	239.9	63.7
11 13 39.5	+76 55 33	SPC		-.9 .2				6496S					-S-	129.8	39.2
11 14 13.0	+10 3 54	AGL	1.5 .3	-.7 .4				4806S			IC 2680		1--	246.3	61.7
11 15 43.0	-39 37 36	AGL		-2.2 .4				4807S			V437 CEN		1--	284.1	19.5
11 16 10.0	-61 9 6	AGL		-1.4 .5		-6.2 .7		4808S					1--	292.0	-.5
11 16 15.0	-46 5 18	AGL		-1.5 .4	-3.4 .4			4809S					1--	286.7	13.6
11 18 32.0	+ 4 33 42	AGL		-.9 .4				1478S					1--	255.6	58.6
11 22 17.0	-48 7 0	AGL			-3.8 .5			4812S					1--	288.4	12.0
11 22 22.0	+77 36 42	AGL	1.4 .3					4813S					1--	128.8	38.8
11 23 22.7	-13 28 33	SAO	1.5 .5				M2 G	4814S	-10255		GC 15690		1--	273.4	44.2
11 23 57.0	+72 45 36	AGL	1.5 .3					4815S					1--	131.5	43.2
11 24 .2	-30 33 3	FIR				-3.8 .3		6497S					-?-	282.2	28.6
11 24 22.0	+13 9 6	AGL		-.6 .4				4816S			IC 2823		1--	244.6	65.6
11 25 47.0	+24 7 18	AGL	1.6 .3					1490S					1--	218.3	71.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
11 26 8.0	+ 1 42 6	AGL	1.5 .3					1491S					1--	261.8	57.5
11 27 8.2	+ 3 24 35	FIR			-1.8 .2			6498S					-*-	260.3	59.1
11 27 27.0	-62 23 54	AGL			-2.8 .4			4818S					1--	293.7	-1.3
11 27 40.2	+ 3 31 17	FIR			-2.0 .2			6499S					-*-	260.3	59.2
11 28 3.7	- 5 7 36	FIR			-.8 .2			6500S					-?-	268.9	52.1
11 29 54.0	-26 28 15	SAO	1.3 .3				M1	4819S	-30176	4445	GC 15832		1--	281.9	32.9
11 31 2.1	+ 2 46 32	SAO	1.6 .4				K5	4820S	208		GC 15852		1--	262.5	59.1
11 34 2.0	+80 6 36	AGL	1.6 .3					4821S					1--	126.9	36.7
11 34 6.8	-22 27 50	FIR			-2.1 .2			6501S				E?	-F-	281.2	37.0
11 34 34.9	- 2 53 4	FIR				-2.7 .3		6502S					-?-	269.4	54.8
11 34 58.1	-10 15 22	FIR				-2.5 .3		6503S					-?-	275.0	48.3
11 37 15.0	-58 35 6	AGL			-3.5 .4			4822S				EO	1--	293.8	2.7
11 37 37.0	+16 13 30	AGL	1.5 .3					1504S					1--	243.4	70.1
11 37 46.0	-29 58 54	IRC	1.1 .4				M7	4823S	-30180				1--	285.2	30.1
11 39 1.6	+55 26 58	SAO	1.4 .4				K4	1506S	60211	4500	GC 16052		2--	142.5	59.2
11 39 13.9	-32 13 18	SAO	1.3 .4	-1.6 .4			K5 III	4824S	-30181	4503	GC 16055		1--	286.3	28.1
11 39 47.0	-48 12 42	AGL		-2.0 .4				4825S					1--	291.3	12.8
11 41 45.0	+ 3 39 35	FIR				-3.5 .3		6504S					-F-	266.0	61.3
11 42 54.0	-27 1 3	FIR			-1.8 .2			6505S					-*-	285.3	33.3
11 43 38.3	-24 35 42	SAO		-.7 .4			M3	4826S	-20232				1--	284.6	35.7
11 44 3.0	-63 30 42	AGL		-1.4 .4	-3.9 .4			4827S					1--	295.8	-1.8
11 44 29.9	-27 25 16	FIR			-2.8 .2			6506S				EO	-?-	285.9	33.0
11 45 47.0	-43 46 12	AGL			-3.9 .4			4828S					1--	291.1	17.4
11 46 43.2	- 3 2 4	SAO	1.5 .3				M5	1513S	211		DO 3152		2--	274.3	56.1
11 48 6.8	-25 57 20	FIR				-3.3 .3		6507S					-?-	286.3	34.7
11 48 13.1	+51 41 26	SAO	1.8 .4				M6	4829S	60214		DO 33833		1--	144.1	63.2
11 51 22.3	-21 32 11	FIR			-1.5 .2			6508S					-F-	285.6	39.1
11 53 29.5	+ 1 40 34	FIR				-2.5 .3		6509S					-?-	273.3	61.0
11 53 36.0	-29 47 18	AGL			-3.3 .4			1520S					1--	288.8	31.8
11 56 48.9	-29 46 56	SAO	1.8 .4				K5	4832S	-30186		GC 16393		1--	289.7	31.5
11 56 52.5	+67 54 25	FIR			-1.9 .2			6510S					-F?	130.4	48.7
11 56 54.3	-24 3 28	FIR				-3.0 .3		6511S					-F-	288.1	37.0
11 58 9.0	-27 26 6	AGL			-3.9 .4			4833S					2--	289.4	33.8
11 58 42.0	-62 53 0	AGL			-4.5 .6	-6.2 .6		4834S			NGC 4052	OPEN CL	1--	297.3	-.8
11 59 29.4	-23 20 29	FIR			-.9 .2			6512S					-F-	288.6	37.9
11 59 29.5	-23 10 9	FIR			-1.1 .2			6513S					-F-	288.5	38.0
12 1 41.7	+19 3 39	CIO	1.2 .3				M6E	4835S	20237		R COM		1--	248.0	76.3
12 4 52.2	+ 9 55 5	FIR			-2.4 .2			6514S					-*-	270.2	69.7
12 5 47.9	+ 9 44 27	FIR			-2.4 .2			6515S					-*-	271.0	69.6
12 7 15.9	+73 21 9	FIR			-1.0 .2			6516S					-?*	127.1	43.7
12 7 34.0	-58 44 48	AGL		-1.6 .4				4836S			AY CRU		1--	297.6	3.4
12 8 8.0	+35 24 30	AGL	1.4 .3					1537S					1--	167.9	78.2
12 8 57.0	+51 28 54	AGL	1.4 .3					1538S					1--	137.7	64.8
12 9 59.5	-24 16 1	FIR			-1.7 .2			6517S					-*-	291.8	37.5
12 10 0.0	+21 5 24	AGL	1.6 .3					1540S					1--	246.3	79.1
12 10 1.5	-23 34 45	FIR			-1.8 .2			6518S					-?-	291.6	38.2
12 10 23.6	-22 49 58	FIR			-1.8 .2			6519S					-?-	291.5	38.9
12 10 38.7	-24 19 24	FIR			-1.9 .2			6520S					-?-	292.0	37.5
12 10 50.3	-23 15 56	FIR			-1.7 .2			6521S					-?-	291.8	38.5
12 11 5.1	-22 52 51	FIR			-1.5 .2			6522S					-*-	291.8	38.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
12 11 11.7	-23 2 16	FIR			-1.6 .2			6523S					-?-	291.8	38.7
12 11 13.2	-22 41 27	FIR			-2.0 .2			6524S					-?-	291.8	39.1
12 11 22.8	-23 30 56	FIR			-2.4 .2			6525S					-?-	292.0	38.3
12 11 54.7	-22 44 18	FIR			-1.9 .2			6526S					-?-	292.0	39.1
12 12 7.3	-23 54 28	FIR			-1.5 .2			6527S					-*-	292.3	37.9
12 12 10.0	+48 11 18	AGL	1.6 .3					1541S					1--	139.6	68.0
12 12 11.2	-23 43 14	FIR			-1.4 .2			6528S					-*-	292.3	38.1
12 13 36.5	-12 19 34	FIR			-2.3 .2			6529S					-*-	289.7	49.4
12 13 56.6	+68 22 4	SPC		.3 .2	-.6 .2			6530S					-?4	127.9	48.7
12 15 43.2	+22 8 31	FIR			-1.1 .2			6531S					-F-	246.0	80.8
12 16 20.1	-11 33 45	FIR				-3.5 .3		6532S					-F-	290.4	50.2
12 17 19.2	+11 52 34	SAO	1.8 .4				M5	4837S	10251		IC 3159		1--	275.9	72.8
12 17 46.9	- 8 43 21	SAO	1.4 .4				MC	4838S	-10265		CH VIR		1--	290.1	53.1
12 18 24.3	-11 8 15	FIR			-2.2 .2			6533S					-F-	291.1	50.8
12 19 24.0	-10 2 30	AGL	1.4 .3					1546S					1--	291.1	51.9
12 19 41.8	+ 5 7 56	SAO	1.3 .3				M6	4840S	10252		DO 3219		1--	284.3	66.7
12 20 12.0	+77 10 18	AGL	1.3 .3					4841S					1--	125.1	40.1
12 20 56.7	+61 23 43	FIR				-2.8 .3		6534S					-F?	129.0	55.7
12 21 38.5	+ 6 14 56	SAO	2.0 .5				M4 G	4842S	10253		FK VIR		1--	284.7	67.9
12 21 46.5	+17 54 52	FIR			-.8 .2			6535S					-?-	268.1	78.6
12 22 31.1	+60 29 40	FIR				-3.3 .3		6536S					-F?	128.9	56.6
12 23 3.0	-59 42 6	AGL		-1.7 .4			M6E	4844S			ST CRU		1--	299.7	2.7
12 23 43.0	-59 19 48	AGL		-1.6 .4	-3.2 .6			4845S			SVS 1860		1--	299.8	3.1
12 25 52.0	- 8 23 12	AGL	1.4 .3					1553S					1--	293.3	53.8
12 26 30.9	+ 0 11 12	FIR				-2.9 .3		6537S					-?-	290.9	62.3
12 26 35.5	- 3 49 59	SAO	1.5 .4	.2 .4			M5	4846S	218		DO 3236		1--	292.3	58.3
12 26 35.7	- 2 9 11	SAO	1.4 .4				M4 G	4847S	219		FZ VIR		1--	291.8	60.0
12 26 56.0	-76 46 0	AGL		-1.8 .4	-3.1 .5			4848S					1--	301.7	-14.2
12 27 44.0	+31 46 36	IRC	1.7 .4				M6.5E III	4849S	30239		T CVN		1--	168.3	83.6
12 28 17.0	+69 54 6	AGL	1.3 .3					1556S					1--	125.6	47.4
12 29 55.0	+15 35 54	AGL	1.5 .3					4850S			IC 3462		1--	281.5	77.4
12 30 39.0	+40 32 24	AGL	1.4 .3					1557S					1--	137.9	76.3
12 32 37.3	+18 39 7	SAO	1.5 .5		-.2 .2		K2 III	4853S	20244	4792	24 COM		1*-	278.9	80.5
12 32 37.6	+70 17 50	SAO	1.6 .3				K2 G	1561S	70114	4795	6 DRA		2--	125.0	47.0
12 34 24.3	+68 9 19	SPC		.2 .2		-2.6 .3		6538S					-?4	125.1	49.2
12 36 8.9	- 4 5 56	SAO	1.3 .4				M0 G	4854S	222		DO 3265		1--	296.9	58.3
12 36 31.0	-30 13 54	AGL		-2.3 .4				4855S			SVS 101308		1--	299.8	32.3
12 38 12.0	-61 28 6	AGL		-1.4 .4	-3.3 .5	-6.3 .6		4856S					1--	301.7	1.1
12 38 34.0	-27 38 2	SAO	1.4 .4				M0	4857S	-30193		GC 17255		1--	300.2	34.5
12 38 48.8	+68 41 9	SPC			-.6 .2	-2.3 .3		6539S					-?4	124.4	28.7
12 39 2.0	-37 21 54	AGL		-1.2 .5	-2.7 .5			4859S			V453 CEN		1--	300.8	25.2
12 39 22.3	- 7 13 32	SAO	1.5 .3				M1 G	4860S	-10271		GC 17277		1--	298.8	55.3
12 39 42.0	-13 50 24	AGL	1.2 .3					1572S					1--	299.6	48.7
12 40 33.7	-24 42 59	SAO	1.3 .4				M0	4861S	-20244		GC 17299		1--	300.6	37.8
12 40 44.4	+10 22 30	SAO	1.8 .4				M3 G	4862S	10258		DO 3275		1--	296.1	52.9
12 43 17.3	+75 29 1	SPC			-1.2 .2			6540S					--3	123.5	41.8
12 44 3.7	-33 2 32	SAO	1.6 .4				K0	4864S	-30177E	4850	GC 17360	EO	1--	301.8	29.5
12 44 59.7	+38 38 36	CIO	1.5 .5				M7E	4865S	40238		U CVN		1--	127.0	78.1
12 45 24.0	+30 2 42	AGL		-.6 .4				4867S			IC 0821		1--	139.4	67.1
12 45 32.2	+67 3 47	SAO	1.7 .5				K5 G	4866S	70115	4863	7 DRA		1--	123.5	

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
12 49 43.0	+17 20 44	SAO	2.0 .4				M1 IIIAB	4868S	20249	4884	32 COM		1--	304.0	79.9
12 49 50.7	+76 24 19	SPC		-1.2 .2				6541S				EO	-S-	122.9	41.0
12 50 3.3	-25 43 55	SAO	1.2 .3	-1.3 .5			M5	4869S	-30198		SVS 1948		1--	303.3	36.9
12 51 2.3	+46 55 40	SAO	1.3 .4	-1.4 .5			M4 G	4870S	50221		DO 34220		1--	122.0	70.5
12 51 33.3	- 9 32 27	FIR			-1.7 .2			6542S				EO	-*-	304.0	53.1
12 52 52.5	- 9 13 27	FIR			-1.9 .2			6543S					-*-	304.6	53.4
12 52 59.9	+11 46 2	SAO	1.7 .4				M4 G	4871S	10259		DO 3298		1--	306.6	74.3
12 53 8.6	+66 53 24	SPC		-.9 .2	-1.1 .2			6544S					-*4	122.4	50.5
12 53 9.6	- 8 56 50	FIR			-2.3 .2			6545S					-F-	304.7	53.6
12 53 11.5	+67 0 15	SPC			-1.2 .2			6546S					-S?	122.4	50.4
12 53 20.0	- 9 6 24	FIR			-1.7 .2			6547S					-*-	304.8	53.5
12 53 38.5	+67 9 50	SPC		-.7 .2				6548S					-S-	122.3	50.2
12 53 41.2	- 8 48 41	FIR			-2.1 .2			6549S					-F-	305.0	53.8
12 54 9.2	- 8 28 15	FIR				-3.0 .3		6550S					-?-	305.2	54.1
12 54 29.6	+76 30 55	SPC		-.8 .2				6551S					-S-	122.6	40.9
12 54 53.8	+67 1 40	SPC		-.8 .2				6552S					-S-	122.1	50.4
12 57 5.0	+76 41 54	AGL	1.6 .4	-.2 .4				4872S					1--	122.4	40.7
12 57 49.0	-51 51 36	AGL			-3.6 .5			4873S					1--	304.4	10.7
12 57 58.3	+67 32 8	SPC		-.3 .2				6553S					-S-	121.7	49.8
12 58 2.0	+66 52 0	SAO	1.5 .4				K0 III	4874S	70117	4928	9 DRA		1--	121.6	50.5
12 59 16.8	+67 23 27	SPC		-.4 .2				6554S					-S-	121.5	50.0
12 59 41.0	+56 30 44	SPC		-1.0 .2				6555S					-S-	120.0	60.8
13 0 30.0	-63 23 6	AGL		-1.5 .4				4875S			TY CEN		1--	304.3	-.8
13 0 55.3	+ 5 10 35	SAO	1.6 .4				M6	4876S	10263		DO 3311		1--	310.8	67.6
13 1 5.1	+14 1 44	FIR			-1.4 .2			6556S					-F-	315.5	76.3
13 4 46.8	+27 53 33	SAO	1.4 .4				K5 III	4878S	30245	4954	41 COM		1--	41.9	86.5
13 5 39.7	+57 3 48	SPC		-1.1 .2				6557S					-S-	118.4	60.2
13 5 58.0	+39 26 48	AGL	1.4 .3					1600S					1--	107.8	77.4
13 6 7.0	-32 47 48	AGL		-.9 .4			M7	4879S	-30202			EO	1--	307.1	29.7
13 7 22.5	+57 33 7	SPC		-1.4 .2				6558S				EO	-?-	118.1	59.7
13 7 28.0	-55 34 54	AGL			-3.4 .5	-6.6 .6		4880S					1--	305.6	6.9
13 8 35.6	- 4 57 26	FIR			-1.6 .2			6559S					-*-	312.1	57.3
13 8 36.0	-30 38 6	AGL			-3.2 .4			1601S					1--	308.0	31.8
13 8 52.0	-62 50 24	AGL		-1.9 .4				4881S					1--	305.3	-.3
13 8 54.0	-29 35 18	AGL			-3.3 .4			1603S					1--	308.1	32.8
13 9 5.0	-47 55 42	AGL			-2.9 .5			4882S					1--	306.5	14.5
13 9 10.8	- 5 59 53	FIR			-1.8 .2			6560S					-*-	312.1	56.2
13 9 15.0	- 4 39 8	FIR			-2.4 .2			6561S				EO	-*-	312.4	57.6
13 9 32.5	- 4 28 5	FIR			-2.2 .2			6562S					-F-	312.6	57.7
13 9 57.0	+56 38 54	IRC	1.5 .5		-1.0 .2		M6	4883S	60223		UW UMA		1-*	117.1	60.5
13 10 3.6	+11 49 18	SAO	1.5 .4				M0 III	4884S	10266	4986	GC 17884		1--	321.6	73.7
13 10 22.0	+42 29 42	AGL	1.5 .3					1605S					1--	108.3	74.3
13 11 34.0	+ 5 37 6	AGL	1.6 .3					1607S					1--	317.9	67.6
13 12 21.0	+53 36 56	SPC		-.3 .2				6563S					-*-	115.2	63.4
13 12 31.0	+ 4 46 54	SAO	1.2 .4				M6	4885S	231		DO 3327		1--	318.0	66.7
13 12 31.5	+57 9 57	SPC			-.5 .2	-2.9 .3		6564S					-?4	116.6	59.9
13 12 42.0	-12 11 0	AGL		-1.5 .4				4886S					1--	312.0	50.0
13 13 6.1	+55 29 43	SPC			-.3 .2	-2.5 .3		6565S					-*4	115.8	61.6
13 13 14.3	+54 20 8	SPC			-1.5 .2	-2.1 .3		6566S					--3	115.3	62.7
13 13 16.2	-19 40 40	SAO	1.4 .4				K1 IV	4887S	-20248	5001	57 VIR		1--	310.8	42.6

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
13 15 8.3	+54 12 42	SPC		-.9 .2				6567S					-S-	114.6	62.8
13 15 41.0	+32 28 54	AGL	1.5 .3					1613S					1--	75.9	82.3
13 16 6.0	+54 22 41	SPC		-.8 .2				6568S					-S-	114.4	62.6
13 18 7.0	-11 11 19	SAO	1.5 .4				M1	4888S	-10283		SVS 101376		1--	314.3	50.8
13 18 37.3	+54 47 9	SPC		-.5 .2				6569S					-S-	113.9	62.1
13 18 55.0	+75 52 24	AGL	1.2 .3					4889S					1--	120.6	41.4
13 19 35.0	-62 24 6	AGL		-1.5 .4				4890S					1--	306.5	-.0
13 20 28.0	+59 29 36	AGL	1.5 .3					4892S			SVS 101379		1--	115.6	57.5
13 20 29.0	-18 4 42	IRC	1.6 .3				M5	4891S	-20251				1--	313.4	43.9
13 20 35.6	-24 23 41	SAO	1.2 .3				M5	4893S	-20252				1--	312.1	37.6
13 20 43.0	+42 21 18	AGL	1.6 .3					1619S					1--	101.7	73.7
13 20 43.2	- 4 39 48	SAO	1.8 .4				K3 G	4894S	234	5047	65 VIR		1--	317.6	57.0
13 21 1.7	+17 30 33	FIR			-1.3 .2			6570S					-*-	341.4	77.7
13 21 54.9	+55 11 10	SAO	1.3 .3				A2 V	1621S	60224	5054	ZET UMA		2--	113.1	61.6
13 23 54.0	-40 26 42	AGL			-3.2 .4			4895S					1--	310.1	21.7
13 24 51.4	+72 39 3	SAO	1.4 .3				M1 IIIAB	4896S	70118	5073	DO 34384	EO	1--	119.3	44.5
13 25 5.0	-27 5 54	AGL			-3.7 .4			4897S			IC 4255		1--	312.8	34.8
13 26 47.0	-38 5 12	AGL			-2.9 .5			4898S					1--	311.1	23.9
13 28 43.0	-25 37 30	AGL	2.0 .3					4899S			IC 4274		1--	314.1	36.1
13 29 12.0	+23 6 30	AGL	1.4 .3					1630S					1--	9.9	80.0
13 30 19.8	- 9 54 29	SAO	1.8 .4	-.5 .4			K0 III	4900S	-10289	5100	76 VIR		1--	319.4	51.4
13 31 12.0	-59 58 30	AGL				-6.3 .6		4901S					2--	308.3	2.2
13 32 22.3	+54 5 9	SPC		-.5 .2				6571S				E?	-S-	109.3	62.2
13 33 27.0	-62 35 18	AGL		-1.3 .4				4902S			DV CEN		1--	308.1	-.4
13 34 20.0	-33 49 48	AGL			-3.0 .5			4903S			IC 4299		1--	313.6	27.8
13 34 20.9	+53 39 2	SPC			-1.6 .2	-1.7 .3		6572S					-*4	108.4	62.4
13 34 37.9	+24 52 4	SAO	1.2 .3				M3 IIIAB	4904S	20260	5123	DO 14781		1--	21.7	79.5
13 35 38.0	-33 37 48	AGL		-1.6 .4	-2.5 .5			4906S					1--	314.0	28.0
13 35 42.9	+50 58 7	SAO	1.6 .4				M2 IIIAB	4905S	50230	5133	GC 18437		1--	105.6	64.8
13 36 2.1	-11 13 17	SAO	1.4 .3				M1	1639S	-10291				2--	321.0	49.7
13 36 38.0	-62 50 18	AGL			-2.8 .4			4907S					1--	308.4	-.7
13 37 41.0	- 3 57 36	FIR			-1.1 .2			6573S					-F-	325.4	56.5
13 38 8.0	-52 15 12	AGL				-6.1 .6		4908S			FI CEN		2--	310.6	9.6
13 38 48.0	+43 55 5	FIR				-2.3 .3		6574S					-?-	95.0	70.7
13 38 53.2	-33 20 42	SAO	1.4 .4				M0E	4909S	-30189E	5147	T CEN	EO	1--	314.8	28.1
13 39 40.9	-19 8 43	SAO	1.6 .4				M2	4910S	-20257				1--	319.2	41.9
13 40 12.8	+23 34 16	SAO	1.9 .4				M4 G	4911S	20261		DO 14793		1--	17.5	77.8
13 41 8.0	- 9 20 18	AGL		-.7 .4				1644S					1--	323.8	51.2
13 41 13.0	-61 49 6	AGL			-3.5 .4			4912S					1--	309.1	.2
13 42 59.8	+63 4 29	SPC		.3 .2	-.6 .2			6575S					-?4	112.8	53.2
13 43 42.9	+49 44 16	FIR			-1.6 .2			6576S					-F?	101.5	65.3
13 43 48.8	+73 50 47	SPC		-.8 .2		-2.6 .3		6577S				E?	-?4	117.8	43.0
13 45 1.1	+81 48 32	SPC		-.8 .2	-.1 .2			6578S					-*4	120.6	35.3
13 45 10.2	+47 58 41	SAO	1.2 .4				M6	4914S	50232		DO 34472		1--	98.8	66.7
13 45 23.8	+49 41 50	FIR			-.9 .2			6579S					-?*	100.9	65.2
13 45 42.0	-27 55 48	AGL			-3.7 .5			4915S					1--	318.0	33.0
13 46 21.5	+72 18 59	SPC		-1.0 .2	-1.5 .2			6580S			IC 0945	E?	-04	117.0	44.4
13 47 6.0	+49 40 49	FIR			-.7 .2			6581S					-?*	100.3	65.1
13 47 19.0	-67 16 30	AGL		-1.7 .4				4918S					1--	308.6	-5.3
13 48 56.8	+34 54 43	SAO	1.3 .4				M1 IIIA	4919S	30250	5215	DO 14818		1--	67.1	75.2

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
13 49 4.1	+74 18 58	SPC		.0 .2	-1.2 .2			6582S					-*4	117.6	42.4
13 49 21.5	+54 37 36	SPC			-1.6 .2	-2.5 .3		6583S				E?	-04	105.1	60.6
13 49 39.1	+39 54 58	SAO	1.3 .5				M4.5 G	4921S	40249		DO 14822		1--	81.8	72.3
13 50 3.0	-17 21 48	AGL	1.5 .3					1657S					1--	323.0	42.9
13 51 56.0	- 5 31 24	AGL		-1.8 .4				4922S					1--	330.1	53.7
13 56 31.0	- 5 20 6	AGL	1.4 .3					1666S					1--	332.0	53.4
13 57 32.3	+43 13 38	SPC		-1.0 .2				6584S					-S-	86.3	69.0
13 58 0.0	-10 21 0	AGL		-1.7 .4				4925S					1--	329.2	48.7
13 58 7.4	+43 4 5	SPC		-1.1 .2				6585S					-S-	85.7	69.0
13 58 10.0	+39 15 42	AGL	1.4 .3					1671S					1--	76.9	71.4
13 58 14.6	+38 6 45	SAO	1.1 .3		-1.5 .2		M8	4924S	40252		DO 14839		1*-	73.8	72.0
13 59 6.0	+55 55 12	SPC		.1 .2	-1.7 .2			6586S					-04	104.0	58.8
13 59 57.8	+56 45 58	SPC		-2.6 .2				6587S					-S-	104.6	58.0
14 0 17.0	- 7 20 0	AGL			-2.9 .4			4926S					2--	332.0	51.2
14 1 35.8	+38 18 50	SPC		-1.1 .2				6588S				E?	-S-	73.3	71.3
14 2 6.0	-35 15 24	IRC		-1.6 .4		-6.2 .6		4927S	-30200E		AQ CEN		1--	319.4	25.0
14 3 30.0	+38 30 36	SPC		-.8 .2				6589S					-S-	73.2	70.9
14 3 48.3	+51 36 57	SPC			-.1 .2	-2.6 .3		6590S					-*4	97.9	62.0
14 3 57.7	+37 36 46	SPC		-1.0 .2				6591S					-S-	70.7	71.2
14 4 6.5	+17 12 28	SAO	1.3 .3				M4 G	4928S	20269		DO 14859	EO	1--	6.5	69.9
14 4 44.0	- 7 44 24	AGL	1.0 .3					1678S					1--	333.3	50.4
14 4 48.0	+20 38 0	AGL	1.4 .3					1679S					1--	15.7	71.4
14 5 30.0	-60 55 42	AGL			-3.1 .4			4929S					1--	312.2	.3
14 5 58.0	+24 12 6	AGL	1.5 .3					1681S					1--	26.9	72.4
14 5 58.5	- 8 37 31	SAO	1.7 .4		-3.3 .5		MB	4930S	-10298		ES VIR		1--	333.1	49.4
14 6 14.3	-19 0 30	SAO	1.8 .4				M3 III	4931S	-20264		FR VIR		1--	327.1	40.0
14 6 22.7	+76 41 44	FIR			-.8 .2			6592S					-?*	117.3	39.8
14 6 25.2	+49 41 38	SAO	1.4 .4				M2 IIIAB	4932S	50237	5300	13 BOO		1--	94.6	63.2
14 6 51.5	+15 28 41	FIR				-4.7 .3		6593S					-F-	3.6	68.4
14 7 7.4	+64 49 48	SPC			-1.3 .2	-2.1 .3		6594S					-04	110.1	50.6
14 7 8.6	+37 57 40	SPC		-.6 .2	-.4 .2			6595S					-*4	70.8	70.5
14 7 28.0	-30 35 24	AGL			-3.3 .5			4933S			IC 4376		1--	322.3	29.1
14 7 33.0	-15 8 18	AGL			-3.2 .4			1683S					1--	329.5	43.4
14 7 44.0	-19 1 54	AGL		-1.7 .4				4934S			SVS 2113		1--	327.5	39.8
14 8 4.0	- 4 11 30	AGL			-2.7 .5			4935S					1--	337.2	53.1
14 8 44.3	+38 28 18	SPC		-1.6 .2				6596S					-S-	71.7	70.0
14 9 17.4	+38 18 10	SPC		-1.7 .2				6597S					-S-	71.1	70.0
14 10 32.3	+52 6 17	SPC				-2.2 .3		6598S					--3	96.8	61.0
14 11 3.6	+82 17 16	FIR			-1.4 .2			6599S					-?*	119.7	34.6
14 11 11.6	+67 21 16	SPC			-.8 .2	-2.3 .3		6600S					-?4	111.3	48.1
14 12 22.0	-12 43 42	AGL			-2.9 .5			4936S					1--	332.4	45.1
14 13 10.3	+57 21 18	SPC		-.4 .2				6601S					-S-	102.4	56.6
14 15 16.9	-14 28 36	SAO	1.0 .3	-1.6 .5			M5	4937S	-10303		AN VIR		1--	332.2	43.2
14 16 4.0	-61 11 0	AGL		-.1 .7	-2.5 .5			4938S			RCW 85		1--	313.3	-.3
14 16 21.5	+43 46 1	SPC		-.3 .2	-.4 .2			6602S					-*4	81.7	66.0
14 16 35.5	+10 2 26	FIR			-.7 .2			6603S					-?-	357.1	63.0
14 16 42.0	-20 25 54	AGL	1.4 .3					1699S					1--	329.2	37.7
14 17 43.2	+13 52 47	FIR			-1.3 .2			6604S					-?-	4.3	65.3
14 18 13.0	+ 5 42 0	AGL		-1.1 .5	-2.9 .5			4939S			IC 1003		1--	351.4	59.7
14 18 59.7	- 2 9 27	SAO	1.3 .4				M5	4940S	241		DO 3479		1--	342.8	53.4

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
14 19 34.0	+39 28 54	FIR				-2.3 .3		6605S					-**	71.5	67.7
14 20 40.0	- 1 44 36	AGL			-3.6 .4			1702S					1--	343.8	53.5
14 21 25.0	+54 0 54	AGL	.9 .3				M3-6E	4941S			S 800		1--	96.9	58.5
14 21 48.6	+27 38 21	SAO	1.7 .4				K4 III	4943S	30256		DO 14946		1--	39.1	69.5
14 21 52.0	+84 3 48	AGL	1.4 .4				S2,9-S8,7E	1705S			R CAM		2--	120.2	32.8
14 21 56.0	-69 39 6	AGL		-1.6 .4	-2.8 .5			4942S					1--	311.0	-8.5
14 22 38.0	+33 7 24	AGL	1.5 .3					1707S					1--	54.6	69.0
14 23 1.3	+35 44 39	SPC		-.7 .2				6606S					-*-	61.5	68.4
14 24 38.0	-24 59 0	AGL			-3.3 .4			1709S					1--	328.9	32.8
14 26 2.0	-56 35 18	AGL			-3.5 .5			4944S					1--	316.1	3.5
14 26 16.0	-53 57 30	AGL			-3.6 .5			4945S					1--	317.1	6.0
14 26 31.8	+26 4 35	SAO	1.4 .4				M4 G	4946S	30258		DO 14972		1--	35.1	68.2
14 27 47.3	+35 27 19	SPC		-1.1 .2				6607S					-S-	60.1	67.5
14 29 7.6	+61 38 56	SPC		.0 .2		-2.4 .3		6608S					-?4	104.0	51.9
14 30 3.8	+38 31 34	SAO	1.3 .4				A7 III	4948S	40258	5435	GAM 800	EO	1--	67.3	66.2
14 30 23.0	+ 7 19 36	AGL	1.7 .3					1717S					1--	357.8	58.7
14 30 49.7	+57 7 34	FIR			-1.1 .2			6609S					-??	98.8	55.2
14 30 56.6	+67 31 33	SPC		-.5 .2				6610S					-S-	109.0	47.0
14 32 44.0	+35 23 24	SPC		-1.7 .2				6611S				EO	-S-	59.4	66.6
14 34 4.4	+41 20 0	SPC		.2 .2	-2.0 .2			6612S					-*4	72.8	64.4
14 34 23.0	-14 17 30	AGL		-1.1 .4				4949S					2--	337.8	41.1
14 35 13.4	+35 37 44	SPC		-1.2 .2				6613S					-?-	59.7	66.0
14 35 23.5	+ 3 44 16	EIC	1.4 .4				M5	4951S	246		CR VIR		1--	354.7	55.3
14 35 52.7	- 3 23 43	SAO	1.8 .3				M2 III	4952S	247		DO 3536		1--	347.1	49.9
14 36 38.0	-10 23 54	AGL			-3.0 .5	-6.3 .6		4953S					1--	341.3	44.1
14 38 13.0	-25 4 12	IRC	1.9 .4				M6	4954S	-30223				1--	332.1	31.3
14 38 16.0	+15 42 6	AGL		-2.1 .4				4955S					1--	13.9	62.1
14 38 51.7	+47 49 36	SPC			-.9 .2			6614S					--3	84.1	60.5
14 39 3.5	-28 43 49	SAO	1.6 .4				M3	4956S	-30224				1--	330.3	28.0
14 39 22.3	- 3 18 39	SAO	1.4 .4				M5 III	4957S	248		DO 3549		1--	348.2	49.4
14 40 49.0	-48 55 12	AGL			-3.8 .4			4958S					1--	321.2	9.7
14 41 26.8	+26 55 40	SPC			-.6 .2	-2.7 .3		6615S					-*4	38.5	65.0
14 41 36.8	+69 18 47	SPC			-.2 .2	-1.9 .3		6616S					-?4	109.4	45.0
14 42 21.0	-37 25 30	AGL			-4.2 .4			4959S					2--	326.6	19.9
14 44 16.2	+ 7 29 25	SAO	.9 .3				M5	4960S	10282		DO 3568		1--	2.3	56.2
14 44 31.3	+27 5 0	SPC		-.2 .2				6617S					-S-	39.0	64.4
14 44 33.8	+ 5 5 39	SAO	1.6 .4				M5	4961S	10283		BG VIR		1--	359.2	54.6
14 44 53.8	+29 12 2	FIR				-2.6 .3		6618S					-?*	43.9	64.5
14 45 22.4	+80 43 5	SPC			-1.3 .2	-4.0 .3		6619S				E?	-04	117.5	35.4
14 45 27.3	+43 40 35	SPC			-1.1 .2			6620S					--2	75.5	61.5
14 46 25.0	-24 2 40	SAO	1.6 .3				K1 G	4962S	-20270	5521	GC 19936		1--	334.6	31.3
14 47 35.0	-43 21 18	AGL		-1.7 .4	-2.3 .6			4963S					1--	324.8	14.2
14 48 31.2	+37 28 35	SAO	1.6 .4				K0 III	4964S	40262	5541	GC 19982		1--	62.5	63.0
14 49 21.8	+58 10 16	SPC		-1.5 .2				6621S					-S-	97.1	52.8
14 50 15.2	+29 8 48	SPC			-1.6 .2	-2.5 .3		6622S					--3	44.0	63.3
14 52 29.0	-21 47 42	IRC	1.4 .3				M5	4965S	-20274		EG LIB		1--	337.4	32.5
14 53 13.9	+25 0 24	SPC		-.7 .2				6623S					-S-	35.2	62.1
14 53 28.3	+25 11 47	SPC		-.6 .2				6624S					-S-	35.6	62.1
14 53 41.0	-25 12 54	AGL	1.2 .3					1742S					1--	335.5	29.4
14 53 45.0	+ 6 2 42	AGL		-1.7 .4				4966S					1--	2.9	53.5

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
14 54 3.0	-11 12 33	SAO			-2.9 .4		K4 G	4967S	-10307	5564	XI2 LIB		1--	345.4	+0.9
14 54 32.9	+25 19 58	SPC		-2.5 .2				6625S				EO	-S-	36.0	61.9
14 54 34.0	-59 48 24	AGL		-1.4 .4	-3.1 .5			4968S					1--	318.2	-1.0
14 54 52.0	-27 52 12	AGL	1.6 .4	-1.2 .4	-2.9 .5			4970S					2--	334 2	27.0
14 54 59.0	-28 58 12	AGL			-2.9 .5			4971S					1--	333.6	26.1
14 55 19.2	+75 4 55	SAO	.8 .4				M3 G	4969S	80029		DO 34808		1--	112.9	39.7
14 55 40.1	+25 27 10	SPC		-2.4 .2				6626S				EO	-S-	36.4	61.7
14 56 24.9	+40 28 57	SPC		-.4 .2				6627S					-S-	67.8	60.7
14 56 29.3	+24 49 38	SPC			-1.3 .2			6628S					-S*	35.2	61.3
14 57 11.8	+24 49 29	SPC			-2.6 .2			6629S					-S*	35.2	61.2
14 57 18.0	-58 45 6	AGL			-2.7 .5	-6.3 .6		4972S					1--	319.0	-.2
14 57 18.1	+24 46 53	SPC		-.9 .2				6630S					-S-	35.1	61.2
14 57 44.7	+47 54 12	SPC		-.5 .2	-.6 .2			6631S					--4	81.1	[illegible]
14 57 55.2	+25 58 49	SPC		-.6 .2				6632S					-S-	37.6	61.2
14 58 41.2	-18 36 23	SAO	1.8 .3				M2	1747S	-20278				2--	341.0	34.3
14 58 43.8	- 2 33 28	SAO	.9 .3				M0 G	4973S	257	5590	DO 3619		1--	354.4	46.7
14 59 15.1	+ 0 3 22	SAO	1.2 .4				M1 IIIAB	4974S	258	5594	DO 3622		1--	357.3	48.5
14 59 36.7	+25 34 20	SPC			-2.9 .2			6633S				EO	-S-	37.0	60.8
15 0 22.3	+ 2 17 11	SAO	1.7 .3	-.4 .5			K0 III	1749S	259	5601	110 VIR		2--	.1	49 [illegible]
15 0 26.5	+25 31 12	SPC				-3.7 .3		6634S				EO	-S-	36.9	60 [illegible]
15 0 26.5	+31 52 45	SAO	.5 .4	-.5 .2			M4 G	4975S	30267		DO 15161		1--	50.8	71.4
15 1 8.8	+25 19 53	SPC		-3.2 .2				6635S				EO	-?-	36.6	60.4
15 1 19.5	+25 26 40	SPC				-3.4 .3		6636S				EO	-?-	36.9	60.8
15 2 8.9	- 7 49 45	SAO	1.7 .5				M8	4976S	-10311				1--	350.3	42.3
15 2 18.1	+27 8 30	SAO	1.4 .4				K2 III	4977S	30268	5616	PSI BOO		1--	40.3	60.5
15 3 34.0	-57 33 42	AGL			-2.9 .4			4978S			RCW 88		1--	320.3	.5
15 5 43.0	-68 58 6	AGL			-3.5 .4			4980S					1--	314.8	-9.6
15 5 48.0	-58 26 12	AGL		-1.7 .4	-2.8 .5			4981S					1--	320.1	-.4
15 5 58.2	- 0 49 18	EIC	1.1 .3				M6	4982S	260		DO 3645		1--	358.1	46.7
15 6 46.6	+35 35 33	SPC		-4.1 .2				6637S					-S-	57.3	59.7
15 7 34.7	+65 58 41	SAO	1.9 .4				M4 G	4983S	70127		DO 34867	EO	1--	103.6	45.9
15 8 8.0	+11 51 44	SAO	1.4 .4				M2.5 G	4984S	10286		DO 3653		1--	14.4	53.9
15 9 10.0	-69 53 6	AGL		-1.9 .4			C5,5	4985S			X TRA		1--	314.6	-10.5
15 9 50.7	+22 30 4	SAO	1.9 .4				M2.5 G	4986S	20278		DO 15199		1--	32.2	47.8
15 11 34.9	+29 15 58	SPC			-2.1 .2			6638S					-S-	45.0	58.7
15 11 43.9	+46 42 54	SPC			-1.9 .2			6639S					-S?	77.3	55.0
15 11 57.1	+29 6 18	SPC			-2.2 .2			6640S					-S-	44.	48.6
15 12 43.5	+29 23 29	SPC			-2.4 .2			6641S					-S-	45.	[illegible]
15 13 5.7	+29 13 49	SPC			-2.4 .2			6642S					-S-	45.	[illegible]
15 13 51.3	+29 31 28	SPC			-2.3 .2			6643S					-?-	45.1	[illegible]
15 13 53.2	+20 33 7	SPC			-3.3 .2			6644S				EO	-?-	29.1	58.3
15 14 11.9	+44 51 30	SPC			-1.4 .2			6645S					--3	78.4	[illegible]
15 14 13.0	-12 33 0	AGL	1.5 .3		-3.7 .4			1759S					2--	349.2	[illegible]
15 14 13.3	+29 21 48	SPC			-2.3 .2			6646S					-?-	45.3	[illegible]
15 15 7.7	+20 53 51	SPC			-1.8 .2			6647S					-S-	[illegible]	[illegible]
15 15 11.2	+10 34 47	SPC				-3.0 .3		6648S					-S-	14.1	51.6
15 15 21.0	-27 44 54	IRC	1.3 .3				M8	4987S	-30232		AR LIB		1--	338.5	24.6
15 15 44.3	+20 37 48	SPC			-2.9 .2			6649S				EO	-S-	29.7	55.9
15 15 52.1	- 0 16 47	SAO	2.1 .4	-.6 .4			K5 G	4988S	263	5690	GC 20570		1--	1.0	45.2
15 16 2.8	+15 19 57	SPC			-2.7 .2			6650S					-S-	21.2	53.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
15 17 7.1	+72 0 19	SAO	1.6 .4				K4 III	4989S	70128	5714	11 UMI	EO	1--	108.7	41.0
15 17 27.6	+15 32 21	SPC			-2.4 .2			6651S					-S-	21.7	53.6
15 17 55.1	+20 51 39	SPC			-1.9 .2			6652S					-S-	30.3	55.5
15 19 4.5	+37 42 24	SPC			-.9 .2	-1.9 .3		6653S					-?4	60.8	57.0
15 20 14.2	-14 57 25	SAO	1.7 .4				M0 G	4991S	-10319		GC 20683		1--	348.6	34.0
15 20 38.0	+56 43 58	SPC		-.9 .2				6654S					-S-	91.2	50.3
15 20 38.0	+20 51 21	SPC			-2.0 .2			6655S					-S-	30.7	54.9
15 20 49.0	- 9 32 0	AGL	1.5 .3					4992S					1--	353.2	37.9
15 22 4.6	+14 25 15	SPC		-1.1 .2				6656S					-S-	20.9	52.2
15 22 9.5	-26 34 39	SAO	1.8 .4				M1	4994S	-30235				1--	340.6	24.7
15 22 35.7	+56 48 31	SPC		-1.0 .2				6657S					-S-	91.1	50.0
15 22 55.8	+56 38 26	SPC		-1.1 .2				6658S					-S-	90.8	50.0
15 24 59.5	-37 11 8	SAO	1.5 .4			-6.7 .8	M4 III	4996S	-30221E		GO LUP		1--	334.4	15.8
15 25 4.4	+45 13 52	FIR			-.8 .2			6659S					-?*	73.5	54.3
15 25 25.9	-16 32 37	SAO	1.5 .4				K5 G	4998S	-20287	5743	32 LIB		1--	348.5	32.0
15 25 29.7	+25 16 28	SAO	1.6 .4				M2 IIIAB	4997S	30274	5745	DO 15250		1--	38.6	55.0
15 26 9.0	-11 44 18	AGL	1.4 .3					4999S					1--	352.5	35.4
15 26 51.2	+56 47 25	SPC		-1.1 .2		-2.6 .3		6660S					-S-	90.6	49.5
15 26 55.3	+11 59 13	SPC				-2.8 .3		6661S					-S-	18.3	50.0
15 27 9.3	+38 42 30	SPC			-.8 .2			6662S					--3	62.3	55.3
15 27 27.0	-12 44 24	AGL			-3.8 .4			5001S			SVS 2352		1--	351.9	34.4
15 27 48.0	-13 13 24	AGL	1.5 .3					1774S					2--	351.6	34.0
15 28 26.0	-22 45 54	AGL	1.3 .3					1775S					1--	344.4	26.8
15 28 31.0	-70 18 12	AGL		-1.7 .4				5002S					1--	315.8	-11.8
15 28 36.3	+44 0 13	SPC		-.6 .2				6663S					-?-	71.2	54.1
15 30 0.0	-16 53 48	AGL		-.7 .4	-3.5 .4			1778S					1--	349.1	31.0
15 30 19.0	+13 42 36	AGL	1.7 .3					1779S					1--	21.3	50.0
15 30 21.0	-27 0 54	IRC	1.2 .3				M8	5003S	-30236		SV LIB		1--	341.9	23.2
15 30 32.2	-37 28 20	SAO	1.0 .4				MA	5004S	-30223E			EO	1--	335.1	14.9
15 31 23.0	-18 21 48	AGL	1.6 .3					1781S					1--	348.3	29.7
15 31 35.1	-27 52 48	SAO	1.7 .5				K4 G	5005S	-30237	5775	36 LIB		1--	341.5	22.3
15 32 21.0	-23 43 48	AGL	2.0 .3				M3E	5006S			TU LIB		1--	344.5	25.4
15 32 37.4	+ 8 1 50	SPC			-2.1 .2			6664S					-S-	14.2	46.8
15 33 38.0	-37 36 18	IRC	1.4 .4					5008S	-30226E		SW LUP	EO	1--	335.6	14.4
15 35 30.6	+16 59 41	SPC				-2.7 .3		6665S					-S-	26.8	50.3
15 35 43.1	+15 24 16	SPC				-2.7 .3		6666S					-?-	24.5	49.6
15 36 9.0	- 8 24 0	AGL	1.4 .3					1791S					1--	357.6	36.0
15 36 22.1	+ 4 42 47	SPC		-.7 .2				6667S					-S-	11.0	44.2
15 36 38.0	+ 4 2 4	SPC		-.4 .2				6668S					-S-	10.3	43.7
15 36 47.0	+10 44 6	IRC	1.7 .4				M4	5010S	10292		DO 3798		1--	18.4	47.3
15 37 33.3	+50 13 8	SPC			-1.0 .2	-2.2 .3		6669S					--4	80.2	50.8
15 37 47.1	+ 9 10 56	SPC		-1.4 .2				6670S					-S-	16.6	46.3
15 38 20.4	+ 9 13 24	SPC			-2.1 .2			6671S					-?-	16.8	46.2
15 40 45.1	+55 8 27	SPC				-2.7 .3		6672S					--2	87.0	48.5
15 41 25.8	+49 50 22	SPC			-1.5 .2	-2.5 .3		6673S					-*4	79.3	50.3
15 41 34.3	+ 2 32 51	EIC	1.4 .4				M7	5011S	270		DO 3813		1--	9.6	41.9
15 45 3.6	+ 5 23 54	SPC		-.4 .2				6674S					-S-	13.4	42.8
15 45 48.1	- 2 41 1	SPC		-.8 .2				6675S					-S-	4.9	37.9
15 47 7.1	- 2 41 27	SPC		-.7 .2				6676S					-S-	5.2	37.6
15 47 43.1	+59 12 12	SPC		-.6 .2	-.5 .2			6677S					-04	91.8	45.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
15 47 49.0	-12 39 54	AGL	1.6 .3					5013S					1--	356.2	31.0
15 47 54.0	-34 55 48	AGL	1.8 .4	-1.3 .4				5014S			SVS 2476	EO	1--	339.6	14.7
15 48 19.0	-31 33 48	AGL		-.5 .5	-3.5 .5			5015S			FO LUP		2--	342.0	17.2
15 48 23.2	-38 0 31	SAO	1.4 .4				MB	5016S	-30232E			EO	1--	337.7	12.3
15 49 38.7	- 2 6 44	SPC		-1.3 .2				6678S					-S-	6.3	37.5
15 49 58.0	-36 25 30	IRC	1.9 .5					5017S	-30233E				1--	338.9	13.3
15 50 1.1	- 2 16 12	SPC		-1.4 .2				6679S					-S-	6.2	37.3
15 50 36.3	- 1 58 10	SPC		-.9 .2				6680S					-S-	6.6	37.4
15 50 47.7	+30 20 8	SPC			-1.9 .2			6681S					-S-	48.4	50.4
15 50 51.4	+50 21 23	SPC		-.2 .2	-1.0 .2			6682S					-?4	79.4	48.7
15 50 54.8	+45 28 56	SPC			-1.2 .2	-2.6 .3		6683S					-?4	72.1	49.9
15 50 57.6	- 2 7 8	SPC		-1.1 .2				6684S					-S-	6.5	37.2
15 51 3.1	-18 48 14	SAO	1.1 .4		-3.9 .5		M1	5018S	-20297				1--	351.8	26.1
15 51 27.9	+49 8 46	SPC		-.0 .2	-.6 .2	-2.4 .3		6685S					-?4	77.6	49.0
15 51 33.9	- 1 49 35	SPC		-1.1 .2				6686S					-S-	6.9	37.3
15 51 52.0	-20 44 42	AGL		-1.3 .4			M5	5020S	-20298				1--	350.4	24.6
15 51 57.5	- 1 59 30	SPC		-1.1 .2				6687S					-S-	6.8	37.1
15 51 58.0	-20 40 42	IRC	1.5 .4				M5	5019S	-20298				1--	350.5	24.7
15 52 32.7	- 1 41 28	SPC		-1.0 .2				6688S					-S-	7.2	37.2
15 52 49.0	-12 43 0	IRC	1.8 .4				M7	1810S	-10327		SW LIB		3--	357.1	30.1
15 52 55.1	- 1 50 54	SPC		-.9 .2				6689S					-S-	7.1	37.0
15 52 58.9	+43 16 2	SPC		.5 .2			M3 IIIA	6690S	40275	5932	2 HER		-S-	68.7	49.9
15 53 48.0	+48 40 47	FIR				-2.6 .3		6691S					-?-	76.8	48.7
15 54 5.8	-36 2 28	SAO	1.5 .4	-1.0 .5	-2.6 .7		G1	5022S	-30236E	5929	SVS 2507	EO	1--	339.9	13.0
15 54 9.0	-34 14 54	IRC	1.7 .4					5023S	-30235E				1--	341.1	14.4
15 54 11.1	+33 50 32	SPC				-2.9 .3		6692S					-S-	54.0	50.0
15 54 23.9	+11 29 4	SPC			-2.2 .2			6693S				EO	-?-	22.3	43.8
15 55 23.1	+11 37 31	SPC			-2.3 .2			6694S					-S-	22.6	43.7
15 55 38.4	+68 45 46	SPC		-.9 .2				6695S					-S-	102.7	40.5
15 55 45.3	+11 27 21	SPC			-2.4 .2			6696S					-S-	22.4	43.5
15 56 1.1	+10 44 56	SPC			-3.5 .2			6697S					-?-	21.6	43.1
15 56 39.7	+11 2 38	SPC			-3.2 .2			6698S					-S-	22.1	43.1
15 57 39.7	+11 10 37	SPC			-2.5 .2			6699S					-S-	22.4	43.0
15 58 14.3	- 0 49 58	SPC		-.2 .2				6700S					-S-	9.2	36.5
15 58 25.7	+53 51 58	SPC			-1.5 .2			6701S					-S?	83.9	46.6
16 0 19.0	-25 43 39	SAO	1.9 .5				K5 G	5026S	-30252	5969	GC 21556		1--	348.2	19.7
16 0 26.0	+12 16 39	SPC			-2.3 .2			6702S				E?	-S-	24.1	42.8
16 1 15.6	+61 45 47	SPC		-.1 .2				6703S					-?-	94.1	43.3
16 1 40.5	+11 42 25	SPC			-3.4 .2			6704S					-S-	23.6	42.3
16 2 1.6	+11 32 46	SPC			-3.4 .2			6705S					-S-	23.5	42.2
16 3 3.0	-37 44 36	IRC	1.6 .4					5028S	-30241E			EO	1--	340.1	10.6
16 4 23.4	- 3 44 40	SAO	1.5 .4				M4	5029S	276		DO 3950		2--	7.4	33.6
16 4 50.0	- 4 57 48	AGL	1.4 .4					5030S			SVS 2564		1--	6.3	32.7
16 5 7.0	- 6 13 12	AGL	1.5 .4					5031S			IC 4589		1--	5.2	31.9
16 5 23.6	+46 56 27	SPC			-2.3 .2			6706S					-?-	73.6	47.1
16 5 55.0	- 0 54 12	AGL	1.7 .3					1824S					1--	10.4	34.9
16 6 28.3	+47 14 6	SPC			-2.2 .2			6707S					-?-	74.0	46.9
16 6 32.3	+19 56 20	SPC		-1.0 .2				6708S					-S-	34.7	44.4
16 6 40.0	- 3 1 42	AGL	1.2 .3					1827S					1--	8.5	33.5
16 6 51.8	+62 24 7	SPC		.5 .2			M7	6709S	60240		DO 35177		-S-	94.5	42.5

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
16 7 11.4	+54 37 51	SPC		-1.4 .2	-.9 .2			6710S					-04	84.4	45.1
16 7 17.6	+20 12 59	SPC		-.9 .2				6711S					-S-	35.1	44.4
16 7 37.5	+36 41 21	SPC		.1 .2		-2.5 .3	K0 IIIB	6712S	40278	6018	TAU CRB		-S-	58.5	47.4
16 7 55.3	-29 17 9	SAO	1.5 .4				K3 G	5032S	-30256	6017	GC 21749		1--	346.8	16.0
16 8 49.0	+57 3 12	SPC			-1.5 .2			6713S					--3	87.5	44.2
16 9 18.7	+56 55 11	SPC		-.8 .2				6714S					-S-	87.3	44.2
16 9 27.8	+ 3 14 33	SPC		-1.0 .2				6715S					-S-	15.3	36.5
16 9 33.9	+56 35 56	SPC		-1.0 .2				6716S					-S-	86.9	44.2
16 10 25.0	+25 1 30	IRC	1.9 .4	-.1 .2			M7	5034S	30284		VV HER		C--	41.9	45.1
16 10 28.9	-10 12 41	SAO	1.8 .5				M3	5035S	-10333		BR SCO		1--	2.5	28.4
16 10 31.5	+20 34 31	SPC		-1.1 .2				6717S					-S-	36.0	43.8
16 10 40.2	+13 22 55	SPC		-.3 .2				6718S					-S-	26.9	41.1
16 10 42.1	+22 53 18	SPC			-2.2 .2			6719S					-S-	39.0	44.4
16 10 46.8	+ 5 8 51	SAO	1.9 .4				K5 G	5036S	10304	6047	9 HER		1--	17.6	37.2
16 10 50.2	+20 25 8	SPC		-1.0 .2				6720S					-S-	35.8	43.6
16 11 31.0	-36 40 18	AGL			-3.8 .4			1836S					1--	342.0	10.2
16 11 36.3	+20 41 38	SPC		-1.1 .2				6721S					-S-	36.2	43.6
16 12 4.8	+49 6 25	SPC			-2.4 .2			6722S					-?-	76.5	45.7
16 12 22.3	+56 35 43	SPC		-2.1 .2				6723S				EO	-S-	86.7	43.9
16 12 46.0	- 6 28 54	AGL	1.3 .3					5037S			BE OPH		1--	6.3	30.3
16 12 58.9	+37 43 2	SPC			-2.8 .2			6724S					-S-	60.1	46.3
16 12 59.8	+20 39 23	SPC		-1.1 .2				6725S					-S-	36.3	43.2
16 14 42.4	+48 22 53	SPC			-2.9 .2			6726S					-?-	75.3	45.4
16 15 15.9	+51 33 55	SPC		-.2 .2	-.5 .2			6727S					-?4	79.7	44.7
16 15 41.0	-28 37 12	IRC	1.3 .5					5039S	-30259				1--	348.5	15.2
16 15 55.6	+57 0 43	SPC		-2.0 .2				6728S				EO	-S-	87.1	43.3
16 16 10.7	-14 45 9	SAO	1.7 .4				K4 G	1840S	-10335	6078	GC 21934		2--	359.6	24.4
16 16 47.0	-17 44 30	AGL	1.5 .3					1842S					1--	357.2	22.4
16 16 51.0	-22 10 6	IRC	1.2 .4				M7	5041S	-20310				1--	353.7	19.4
16 17 32.3	+56 40 15	SPC		-.8 .2				6729S					-S-	86.5	43.2
16 17 41.4	+23 23 53	SPC			-2.1 .2			6730S			V540 HER		-S-	40.4	43.0
16 20 27.1	+51 27 51	SPC			-2.6 .2			6731S					-S*	79.4	43.9
16 20 35.8	+32 23 18	SPC			-2.1 .2			6732S					-S-	52.7	44.3
16 21 7.8	+30 57 56	SAO		.4 .2			M8 G	5044S	30290		RY CRB		C--	50.8	44.0
16 21 21.9	+36 42 29	SPC			-2.5 .2			6733S					-S-	58.7	44.6
16 21 29.9	- 1 15 8	SPC		-.9 .2		-2.2 .3		6734S				EO	-S-	12.7	31.5
16 21 37.7	+28 9 3	SPC			-2.1 .2			6735S					-?-	47.0	43.4
16 22 1.3	+42 51 16	SPC			-2.8 .2			6736S					-S-	67.4	44.6
16 22 2.5	+49 39 40	SPC			-3.2 .2			6737S					-S-	76.9	44.0
16 22 39.9	+28 20 10	SPC				-4.4 .3		6738S					-S-	47.3	43.2
16 23 .8	+48 37 8	SPC			-2.9 .2			6739S					-S-	75.4	44.0
16 23 43.9	+28 30 20	SPC			-1.5 .2			6740S					-S-	47.6	43.0
16 23 55.2	+16 32 52	SPC				-3.0 .3		6741S					-S-	32.4	39.4
16 24 9.5	- 9 42 42	AGL	1.4 .3	.7 .2				5046S			V705 OPH		1*-	5.3	25.1
16 24 11.0	- 2 30 30	IRC	2.0 .4		-1.2 .2	-2.2 .3	M7	5047S	284		V707 OPH		1--	11.9	30.2
16 24 14.0	-31 11 42	IRC	1.4 .4				M6E	5045S	-30264		WW SCO		1--	347.9	12.1
16 24 18.6	+52 56 22	SPC		.2 .2	-.4 .2	-2.5 .3		6742S					-?4	81.2	43.1
16 24 24.0	+42 57 7	SPC			-3.2 .2			6743S					-S-	67.5	44.2
16 24 35.2	-35 0 35	SAO	.8 .3	-1.4 .4			MA	5048S	-30248E				1--	345.1	9.5
16 24 58.1	+16 40 13	SPC				-3.4 .3		6744S					-S-	32.7	39.2

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
16 25 1.6	+ 2 58 54	SAO	1.5 .4				M5	5049S	285		DO 4057		1--	17.5	33.0
16 25 28.4	-35 34 49	SAO	1.5 .3				MA	5050S	-30250E			EO	1--	344.8	8.9
16 25 38.1	+36 46 3	SPC			-3.2 .2			6745S					-S-	58.9	43.8
16 26 2.0	+16 47 4	SPC				-3.0 .3		6746S					-S-	32.9	39.0
16 26 32.0	-19 14 12	IRC	1.1 .3				M8	5051S	-20317		Y SCO		1--	357.6	19.7
16 26 43.8	+37 1 10	SPC			-3.4 .2			6747S				E?	-S-	59.3	43.6
16 26 50.0	- 3 26 48	AGL	1.5 .3					5052S			SVS 2714		1--	11.5	29.2
16 27 5.0	+16 54 24	SPC				-2.9 .3		6748S					-S-	33.2	38.8
16 27 26.1	- 0 1 6	SAO	1.6 .4				M5	5053S	287		DO 4069		1--	14.9	30.9
16 28 4.9	+37 37 22	SPC			-3.3 .2			6749S					-?-	60.1	43.4
16 28 19.4	+37 26 45	SPC			-3.3 .2			6750S					-?-	59.9	43.3
16 28 31.0	-10 26 42	AGL	1.4 .3					5054S					1--	5.4	24.8
16 28 44.8	+28 45 4	SPC			-2.0 .2			6751S					-S-	48.2	42.0
16 28 52.6	- 7 24 42	SPC				-3.0 .3		6752S					-*-	8.1	26.5
16 29 4.0	+22 19 43	SPC		.2 .2			K5 G	6753S	20302	6154	DO 15534		-S-	40.0	40.2
16 29 16.1	+43 20 46	SPC			-2.9 .2			6754S					-S-	68.0	43.3
16 29 26.6	+37 41 45	SPC			-3.1 .2			6755S					-S-	60.3	43.1
16 29 29.0	+43 9 7	SPC			-2.8 .2			6756S					-S-	67.8	43.2
16 29 40.9	+37 31 9	SPC			-3.1 .2			6757S					-S-	60.0	43.0
16 29 59.0	-16 0 36	AGL	1.8 .3					1866S					1--	.8	21.1
16 30 48.5	+37 46 4	SPC			-2.2 .2			6758S					-S-	60.4	42.8
16 30 49.5	+75 23 29	SPC			-1.6 .2			6759S					-S?	108.3	34.9
16 30 59.1	+43 12 28	SPC			-2.6 .2			6760S					-S-	67.8	43.0
16 32 34.2	+12 7 17	SPC			-4.2 .2			6761S				E?	-?-	28.3	35.7
16 32 50.8	+34 14 24	SPC			-3.3 .2			6762S					-?-	55.7	42.0
16 33 48.0	-27 56 42	AGL	1.2 .4					5057S			RCW 129		1--	351.8	12.7
16 33 54.2	+34 29 10	SPC			-3.2 .2			6763S					-S-	56.1	41.9
16 34 9.3	+34 18 40	SPC			-3.2 .2			6764S					-S-	55.8	41.8
16 34 13.5	+ 5 7 1	EIC	1.9 .4				M5	5058S	10308		DO 4100		1--	21.1	32.1
16 34 48.0	-35 23 6	IRC	2.1 .4					5061S	-30255E			EO	1--	346.3	7.7
16 35 27.1	+34 23 26	SPC			-2.4 .2			6765S					-S-	56.0	41.5
16 35 51.5	+10 11 30	SPC			-3.4 .2			6766S					-?-	26.7	34.1
16 36 11.0	+ 6 53 7	SPC			-2.1 .2			6767S					-?-	23.2	32.5
16 36 17.6	+38 2 45	SPC			-3.3 .2			6768S					-S-	60.9	41.8
16 36 30.1	+66 55 14	SPC		-.7 .2				6769S					-S-	98.4	37.8
16 36 31.8	+ 9 45 22	SPC			-2.9 .2			6770S					-?-	26.3	33.8
16 37 18.0	-33 56 30	AGL	1.3 .3					1877S					1--	347.7	8.2
16 37 33.6	-20 18 14	SAO	1.3 .4				M2	5062S	-20323				1--	358.5	17.0
16 38 21.0	-1[illegible] 44 35	SAO	1.7 .3				K5	[illegible]881S	-10345		GC 22436		2--	5.8	22.1
16 38 29.3	-14 36 53	SPC			-2.0 .2			6771S					-?-	3.3	20.3
16 38 40.6	-17 38 50	SAO	1.5 .3				G8 II	[illegible]882S	-20325	6196	GC 22449		2--	.8	18.4
16 39 18.9	+ 9 52 17	SPC			-2.4 .2			6772S					-S-	26.8	33.2
16 39 20.8	+34 37 55	SPC			-3.0 .2			6773S					-S-	56.5	40.8
16 40 3.9	- 7 18 49	SPC				-2.9 .3		6774S					-S-	10.0	24.3
16 40 26.0	+17 57 31	SPC			-3.2 .2			6775S					-?-	35.9	36.2
16 41 10.2	+18 14 39	SPC			-3.0 .2			6776S					-S-	36.3	36.2
16 41 29.8	+18 4 37	SPC			-3.0 .2			6777S					-S-	36.2	36.1
16 41 46.0	-17 33 8	SPC				-2.8 .3		6778S					-S-	1.4	17.9
16 41 52.6	-13 59 20	SAO	1.5 .4				M1	5064S	-10346				1--	4.4	20.0
16 42 14.2	+18 21 43	SPC			-2.3 .2			6779S					-S-	36.6	36.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
16 43 12.4	-16 48 38	SAO	1.5 .4				K5	5065S	-20329				1--	2.2	18.1
16 43 19.0	+ 8 40 56	SPC		.1 .2			M0 IIIAB	6780S	10311	6228	43 HER		-S-	26.0	31.8
16 44 39.8	+22 24 2	SPC		-.4 .2				6781S					-S-	41.5	36.8
16 45 19.9	+28 41 3	SPC		-.8 .2				6782S					-S-	49.2	38.4
16 45 39.7	- 1 56 47	SPC				-2.8 .3		6783S					-?-	15.8	26.1
16 45 46.0	+18 32 50	SPC			-3.0 .2			6784S					-S-	37.1	35.3
16 45 51.0	-28 0 48	AGL	1.7 .3					1892S					1--	353.5	10.7
16 45 58.7	+25 48 37	SPC			-1.9 .2			6785S					-?-	45.7	37.5
16 46 50.2	+18 39 50	SPC			-3.1 .2			6786S					-S-	37.4	35.1
16 48 29.7	+40 10 43	SPC		-.3 .2				6787S					-S-	64.0	39.6
16 48 42.1	+10 23 29	SPC		.1 .2			M8	6788S	10313		V2066 OPH		-S-	28.5	31.4
16 49 33.9	+38 26 54	SPC			-1.9 .2			6789S					-?-	61.7	39.2
16 50 16.0	-21 35 35	SAO	1.6 .3				M2	5067S	-20335				1--	359.3	13.9
16 50 20.4	+ 5 29 22	EIC	.7 .4	-.1 .2		-2.3 .3	M5	5068S	10314		RX OPH		1--	23.7	28.8
16 51 25.2	+ 8 35 52	SPC			-2.8 .2			6790S				EO	-S-	27.0	30.0
16 51 55.2	- 6 4 25	SAO	1.8 .5				K2 III	5069S	-10351	6280	23 OPH		1--	12.9	22.5
16 52 5.3	- 2 37 2	SPC			-1.9 .2			6791S					-S-	16.1	24.3
16 52 41.0	+82 9 48	AGL	1.5 .4				G5	5072S		6322	EPS UMI		1--	115.0	31.0
16 52 41.6	-33 25 42	SAO	1.1 .4				K2	5070S	-30268E	6282	GC 22801	EO	1--	350.2	6.1
16 53 10.2	+18 30 43	SAO	1.3 .4				K4 III	5073S	20309	6293	54 HER		1--	37.9	33.6
16 53 38.5	- 3 42 13	SPC				-2.8 .3		6792S					-S-	15.3	23.4
16 53 55.3	-33 10 55	SAO	1.5 .4				K5	5074S	-30270E	6288	27 SCO	EO	1--	350.5	6.1
16 54 49.4	+50 6 59	SAO	1.7 .4				M2 IIIAB	5075S	50259	6306	DO 35515		1--	76.8	38.7
16 54 56.6	-19 42 55	SAO	1.4 .4				M3	5077S	-20340				1--	1.5	14.1
16 55 9.0	- 9 28 0	IRC	1.9 .4				M5E	5076S	-10353		V1055 OPH		1--	10.3	20.0
16 55 18.5	- 2 40 49	CIO	1.5 .4				M5E	5078S	293		SS OPH		1--	16.5	23.6
16 55 48.0	+16 22 30	AGL	1.7 .3					1915S					1--	35.8	32.2
16 56 54.2	- 7 32 18	EIC	.9 .3				M6	5079S	-10354				1--	12.3	20.7
16 57 34.5	+33 59 2	SPC				-3.4 .3		6793S					-S-	56.4	37.0
16 58 3.0	-25 29 36	AGL	1.8 .4					5081S			PT OPH		2--	357.2	10.1
16 58 15.2	+14 3 7	SPC			-2.8 .2			6794S					-?-	33.5	30.8
16 58 25.2	- 4 8 57	SAO	1.0 .3				K4 III	5082S	294	6318	30 OPH		1--	15.6	22.2
16 58 27.6	+31 11 2	SPC			-2.0 .2			6795S					-?-	53.1	36.2
16 58 36.0	+13 53 9	SPC			-3.0 .2			6796S					-?-	33.4	30.6
16 59 .2	-18 54 12	SPC				-2.8 .3		6797S			V1241 OPH		-S-	2.8	13.8
16 59 32.2	+31 23 37	SPC				-2.8 .3		6798S					-S-	53.4	36.0
16 59 36.5	+14 1 15	SPC			-2.8 .2			6799S					-S-	33.7	30.5
17 0 21.7	-21 47 22	SPC		.3 .2			M7	6800S	-20343		V1281 OPH		-?-	.6	11.9
17 3 23.1	+14 41 19	SPC			-2.8 .2			6801S					-S-	34.8	29.9
17 3 23.6	-10 25 32	SPC		-.9 .2			M8	6802S	-10356		V850 OPH		-S-	10.7	17.8
17 3 34.9	- 9 27 41	SPC				-3.5 .3		6803S					-S-	11.5	18.2
17 4 11.0	+22 9 2	SAO	1.4 .5	-.3 .2			K3 III	5086S	20313	6364	GC 23089		1--	43.0	32.5
17 4 20.0	-31 46 6	IRC	2.6 .5	-.6 .6			M6E	5087S	-30279		TU SCO	EO	1--	353.0	5.2
17 4 51.0	+45 59 44	SPC			-1.9 .2			6804S					-S-	71.6	37.0
17 6 2.0	+72 13 0	AGL	.8 .3					5089S				EO	1--	103.7	33.8
17 6 40.0	-31 18 54	IRC	2.2 .4	-.8 .5			M8	5090S	-30281				1--	353.7	5.1
17 6 51.0	+49 5 42	AGL	1.2 .3					1925S					1--	75.5	36.8
17 7 7.3	+58 11 10	SPC		-.5 .2				6805S					-S-	86.8	36.3
17 8 13.9	+55 40 58	SPC			-2.4 .2			6806S					-?-	83.7	36.4
17 8 38.0	+27 39 12	IRC	1.2 .4	.7 .2			M7 G	5091S	30302		CX HER		1--	49.6	33.2

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 9 20.9	+28 12 18	SPC				-2.5 .3		6807S					-S-	50.3	33.2
17 9 59.0	+29 46 0	AGL			-3.1 .4			1931S					1--	52.1	33.4
17 10 47.0	-31 24 12	IRC	1.5 .4				M6	5093S	-30286			EO	1--	354.1	4.3
17 11 7.0	-22 4 54	AGL	1.6 .4				M3	5094S			V1655 OPH		1--	1.8	9.7
17 11 10.4	- 5 55 25	SPC				-2.8 .3		6808S					-S-	15.8	18.5
17 11 32.3	+40 39 39	SPC			-2.1 .2			6809S					-S-	65.2	35.3
17 11 45.0	- 4 41 6	IRC	1.7 .3				M8 III	1939S	296				2--	16.9	19.1
17 11 49.3	+ 4 33 52	SPC			-1.8 .2			6810S					-S-	25.6	23.6
17 12 12.0	-15 12 48	AGL	1.8 .3					5095S			SVS 3043		2--	7.8	13.3
17 12 16.2	-26 31 52	SAO	1.5 .4				K1 V	5096S	-30288	6401	36 OPH		1--	358.3	6.9
17 12 18.6	+55 48 34	SPC			-1.3 .2			6811S					-S-	83.8	35.8
17 12 20.0	- 9 53 36	IRC	1.5 .4				M7	1946S	-10361		V505 OPH		2--	12.4	16.2
17 13 .3	+40 41 14	SPC			-1.3 .2			6812S					-S-	65.2	35.0
17 13 1.8	+45 14 35	SAO	1.2 .4				M6	5097S	50263		DO 35650		1--	70.8	35.5
17 13 56.4	+ 4 46 30	EIC	1.5 .3	-1.2 .2			M7 III	5098S	298		UY OPH		1--	26.1	23.3
17 14 44.4	+18 38 31	SPC			-2.1 .2			6813S					-S-	40.2	28.9
17 14 55.0	- 5 46 45	SPC			-2.1 .2			6814S					-S-	16.4	17.8
17 14 59.5	-32 24 3	SPC			-3.5 .2			6815S					-S-	353.8	3.0
17 15 26.3	-16 15 36	SAO	1.5 .5				K5	5100S	-20354	6428	GC 23357		1--	7.3	12.1
17 16 15.8	+10 55 2	SAO	1.0 .4				K4 II	5101S	10325	6433	GC 23382		1--	32.4	25.5
17 17 2.8	+41 35 58	SAO	1.5 .3				M7	5103S	40296		SVS 101644		1--	66.5	34.4
17 18 50.0	-14 33 30	IRC	1.5 .4				S5,8	5104S	-10365		FT SER		1--	9.2	12.3
17 18 56.2	+46 17 21	SAO	1.6 .4	.1 .2	-2.5 .5		M0 IIIAB	5105S	50264	6464	74 HER		1?-	72.2	34.6
17 19 42.9	+47 47 14	SPC			-2.9 .2			6816S					-S-	74.0	34.6
17 20 1.8	+55 30 24	SPC			-2.3 .2			6817S					-S-	83.4	34.7
17 20 11.5	+55 40 29	SPC			-2.4 .2			6818S					-S-	83.6	34.7
17 20 12.6	-28 5 47	SAO	1.5 .3				K5 G	5106S	-30291	6459	43 OPH		1--	358.0	4.5
17 20 31.4	+47 36 23	SPC			-2.8 .2			6819S					-S-	73.8	34.4
17 21 5.8	-11 8 6	SPC			-2.2 .2			6820S					-?-	12.5	13.7
17 21 36.9	+53 14 0	SPC			-3.4 .2			6821S					-S-	80.6	34.5
17 21 53.0	- 6 55 12	IRC	1.3 .4				M2	5108S	-10367				1--	16.3	15.8
17 22 3.9	-23 31 12	SPC		-1.0 .2				6822S					-S-	2.1	6.8
17 22 36.1	+76 20 39	SPC			-2.4 .2	-2.5 .3		6823S					-*4	108.1	31.6
17 23 1.2	+47 35 13	SPC			-2.1 .2			6824S					-S-	73.8	34.0
17 23 2.3	+47 46 17	SPC			-2.0 .2			6825S					-S-	74.0	34.0
17 23 5.0	+ 1 14 50	SPC		-1.4 .2				6826S					-S-	23.9	19.6
17 23 42.0	+12 38 42	AGL			-3.5 .6	-6.1 .7		5110S			AI OPH		1--	35.0	24.6
17 23 54.8	+ 8 36 36	SPC		-.6 .2				6827S					-S-	31.0	22.8
17 24 40.0	- 6 11 12	IRC	2.0 .4				M6	5112S	-10368		AK OPH		1--	17.3	15.5
17 24 55.0	-34 43 10	SPC				-3.5 .3		6828S					-S-	353.1	-.0
17 25 20.0	+ 8 28 59	SAO	1.3 .4				M4 G	5114S	10328		DO 4290		1--	31.0	22.4
17 26 12.0	+15 54 24	IRC	1.5 .4				M7	5115S	20324		V657 HER		1--	38.5	25.3
17 27 1.2	-20 55 48	SPC				-3.0 .3		6829S					-S-	4.9	7.2
17 27 16.0	-18 54 18	AGL	1.4 .3					1973S					1--	6.6	8.3
17 27 18.6	+ 0 26 41	SPC			-2.0 .2			6830S					-S-	23.7	18.3
17 27 59.3	+47 34 38	SPC			-2.7 .2			6831S					-S-	73.9	32.2
17 28 7.6	-33 11 32	SPC				-3.3 .3		6832S					-S-	354.7	.3
17 28 10.1	-23 37 19	SAO	1.5 .3				K5	5116S	-20366				1--	2.8	5.5
17 28 34.4	-11 42 53	SPC		-.5 .2				6833S					-S-	13.0	11.9
17 29 5.7	+39 0 26	SPC				-2.8 .3		6834S					-S-	63.9	31.7

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 29 11.1	+76 39 53	SPC		-.8 .2				6835S					-S-	108.3	31.2
17 29 18.0	+52 20 16	SAO	1.0 .4				G2 IB	5118S	50266	6536	BET DRA		1--	79.6	33.3
17 29 41.6	+67 9 26	SPC		-.2 .2				6836S					-?-	97.3	32.8
17 31 10.1	-24 50 34	SAO	1.2 .3				M2	1982S	-20369				2--	2.1	4.3
17 31 20.0	+27 24 2	SPC			-1.7 .2			6837S					-S-	51.0	28.3
17 31 21.3	+60 28 7	SPC			-2.0 .2			6838S					-S-	89.3	33.1
17 32 7.4	+64 33 12	SPC		-.2 .2	-1.4 .2			6839S					-04	94.2	32.8
17 32 11.0	- 7 12 42	IRC	1.7 .4	-.2 .2			M1	5119S	-10370				1?-	17.4	13.4
17 32 22.0	+15 20 12	AGL	1.9 .3					1986S					1--	38.6	23.7
17 32 49.0	-14 15 54	IRC	1.1 .4				M7	5121S	-10372		FU SER		1--	11.3	9.6
17 33 5.3	+60 11 19	SPC			-2.4 .2			6840S					-S-	89.0	32.9
17 33 18.0	-22 25 42	IRC	1.5 .4	-.8 .4			M7	5122S	-20371				1--	4.4	5.2
17 34 31.0	-16 19 12	IRC	1.3 .4				M6	1990S	-20372				2--	9.8	8.2
17 34 42.7	+60 23 42	SPC			-1.9 .2			6841S					-S-	89.2	32.7
17 34 43.3	-15 22 8	SAO	1.5 .4				F0 IV	5123S	-20373	6561	XI SER		1--	10.6	8.7
17 35 33.3	-14 4 35	SAO	1.4 .4				M1	5125S	-10374				1--	11.8	9.2
17 35 51.6	+16 57 6	SPC				-3.8 .3		6842S					-S-	40.6	23.6
17 35 53.0	+48 36 37	SPC		.0 .2			K1 G	6843S	50269	6574	82 HER		-S-	75.3	32.0
17 35 58.0	-21 39 0	IRC	1.5 .4				M6	5126S	-20375				1--	5.4	5.1
17 36 53.9	-30 23 46	SPC		-1.4 .2				6844S					-S-	358.1	.2
17 37 15.0	-24 40 6	IRC	1.1 .3				M7	5127S	-20376		V548 OPH		1--	3.0	3.2
17 37 48.8	+46 10 51	SAO	1.0 .4				M8	5128S	50271		SVS 101669		1--	72.5	31.3
17 37 58.8	-23 40 53	SPC		-1.3 .2		-2.9 .3		6845S					-S-	3.9	3.6
17 38 14.5	-30 5 39	SPC			-2.7 .2			6846S					-S-	358.5	.2
17 38 50.2	-16 45 40	SPC		-.0 .2			M9	6847S	-20377		BG OPH		-S-	9.9	7.1
17 39 53.0	-17 27 12	IRC	1.7 .4				M7	5131S	-20380				1--	9.5	6.5
17 40 10.9	- 6 11 18	SPC		-.4 .2				6848S					-?-	19.3	12.2
17 40 23.0	-32 37 56	SPC		-.2 .2	-1.5 .2		M3	6849S	-30317		GC 24027		-S-	356.6	-1.6
17 40 23.8	-30 33 19	SPC				-3.4 .3		6850S					-S-	358.4	-.5
17 40 25.2	+24 35 17	SAO	2.0 .4				K4 III	5132S	20329	6602	83 HER		1--	48.8	25.4
17 40 37.4	- 3 52 11	EIC	1.8 .4				M6	5133S	316		V2057 OPH		1--	21.5	13.3
17 40 37.6	- 6 19 33	SPC		-.5 .2				6851S					-?-	19.3	12.0
17 40 42.0	+29 41 33	SPC		.9 .2			M7	6852S	30311		DO 16196		-*-	54.2	27.0
17 41 13.7	+66 25 53	SPC		.3 .2		-2.6 .3		6853S					-?4	96.3	31.7
17 41 46.0	+ 0 16 3	SPC			-2.3 .2			6854S					-?-	25.3	15.0
17 41 54.1	- 5 49 44	SPC		-.7 .2				6855S					-S-	19.9	12.0
17 41 57.2	+39 24 50	SPC				-2.5 .3		6856S					-S-	64.9	29.3
17 41 58.2	+29 10 34	SPC		-.9 .2				6857S					-?-	53.8	26.6
17 42 .2	-18 38 14	SAO	1.4 .4				C7	5134S	-20382		SZ SGR		1--	8.7	5.5
17 42 7.8	+11 7 33	SPC				-2.2 .3		6858S			V2025 OPH		-S-	35.5	19.8
17 42 10.0	- 1 30 54	IRC	1.4 .4				M7	5135S	318		V935 OPH		1--	23.8	14.1
17 42 12.2	+55 12 23	SPC				-3.4 .3		6859S					-S-	83.1	31.6
17 42 12.8	+61 56 1	SPC			-2.2 .2			6860S					-S-	91.0	31.7
17 42 23.5	- 5 58 47	SPC		-.8 .2				6861S					-S-	19.8	11.8
17 42 37.0	-28 38 0	IRC	1.7 .4				M1-3 I	5136S	-30322			EO	1--	.3	.1
17 42 41.2	-29 52 1	SPC		-.6 .2				6862S					-S-	359.2	-.5
17 42 49.0	+21 31 6	IRC	1.5 .3				M0	5137S	20331		CF HER		1--	45.9	23.8
17 43 0.0	+29 25 27	SPC		-.6 .2				6863S					-S-	54.1	26.5
17 43 8.6	+ 0 44 41	SPC			-1.4 .2			6864S					-S-	25.9	14.9
17 43 24.9	+54 0 56	SPC		-1.2 .2				6865S					-S-	81.7	31.3

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 43 35.6	+ 0 35 22	SPC			-1.3 .2			6866S					-S-	25.8	14.8
17 43 37.0	-20 53 36	AGL	1.4 .3					2005S					1--	7.0	4.0
17 43 56.0	-26 57 30	IRC	1.9 .4				M0 RED	5138S	-30323				1--	1.8	.7
17 44 5.5	-34 0 29	SPC		-1.3 .2				6867S					-S-	355.8	-3.0
17 44 17.4	+45 48 0	SPC			-3.3 .2			6868S					-?-	72.3	30.2
17 44 21.4	+46 0 11	SPC			-2.4 .2			6869S					-?-	72.5	30.2
17 44 50.7	+44 52 30	SPC			-2.1 .2			6870S					-S-	71.2	29.9
17 44 56.0	+ 7 0 54	AGL	-.1 .3					2007S					1--	31.9	17.4
17 45 1.0	-24 45 30	IRC	1.2 .4				M7	5140S	-20385				1--	3.8	1.7
17 45 37.7	+44 51 12	SPC		-.9 .2				6871S					-S-	71.2	29.8
17 45 38.1	+44 53 11	SPC			-3.2 .2			6872S					-S-	71.3	29.8
17 45 41.2	+ 6 26 49	SPC		.1 .2			M6	6873S	10336		DO 4419		-?-	31.5	17.0
17 45 43.8	-19 45 51	SAO	1.7 .4				M2	5141S	-20388				1--	8.2	4.1
17 45 49.0	+28 46 26	SAO	1.7 .4				M6	5142S	30314		DO 16239		1--	53.6	25.7
17 45 59.8	+55 4 17	SPC				-3.5 .3		6874S					-S-	83.0	31.0
17 46 16.8	+55 14 32	SPC		.7 .2		-3.5 .3		6875S					-S-	83.2	31.0
17 46 21.6	-37 3 19	SPC		-.0 .2			K1	6876S	-30378E	6630	G SCO	NGC 6441	-S-	353.5	-4.9
17 46 24.4	+44 48 51	SPC		-1.9 .2				6877S				E?	-S-	71.2	29.6
17 46 45.6	+ 1 24 3	SPC			-2.0 .2			6878S					-S-	27.0	14.4
17 46 48.4	+46 5 20	SPC			-2.0 .2			6879S					-S-	72.7	29.8
17 46 55.0	+22 33 24	IRC	2.2 .4				M6E	5145S	20333		SU HER		1--	47.3	23.3
17 46 55.7	+29 27 31	SPC		-.9 .2				6880S					-S-	54.4	25.7
17 47 9.8	+ 1 15 44	SPC			-2.0 .2			6881S					-S-	26.9	14.3
17 47 12.0	+44 50 3	SPC		-1.7 .2				6882S					-S-	71.3	29.5
17 47 12.5	+44 51 56	SPC			-2.6 .2			6883S				E?	-S-	71.3	29.5
17 47 16.0	-22 23 24	IRC	1.8 .4				M6	5144S	-20392				1--	6.1	2.5
17 47 20.2	-28 2 15	SPC			-3.2 .2			6884S				EO	-S-	1.3	-.5
17 47 54.3	+55 0 51	SPC				-3.4 .3		6885S					-S-	82.9	30.7
17 47 58.9	+44 48 16	SPC		-2.1 .2				6886S				EO	-S-	71.3	29.3
17 43 12.5	-26 34 55	SPC				-3.3 .3		6887S					-S-	2.7	.1
17 48 21.1	+45 55 15	SPC		-1.1 .2				6888S					-S-	72.5	29.5
17 48 40.4	+50 11 18	SPC		-1.6 .2				6889S				EO	-S-	77.4	30.1
17 48 46.5	+44 49 22	SPC		-1.7 .2				6890S				E?	-S-	71.3	29.2
17 48 54.6	-29 37 16	SAO	1.4 .4				M2	5148S	-30327				1--	.1	-1.6
17 48 55.0	-22 35 0	AGL	1.8 .3					5147S			UY SGR		2--	6.2	2.0
17 49 20.6	+50 44 44	SPC		-1.6 .2				6891S				EO	-S-	78.1	30.1
17 49 27.0	+19 3 35	AGL		-.4 .2			M6	5149S	20336		DO 16275		C--	44.0	21.5
17 49 33.1	+44 47 4	SPC		-2.5 .2				6892S					-S-	71.3	29.1
17 49 34.0	-28 15 18	AGL	1.8 .4					5150S			V768 SGR		1--	1.4	-1.0
17 49 34.4	+44 51 30	SPC			-3.3 .2			6893S				EO	-S-	71.4	29.1
17 49 57.5	+45 54 45	SPC		-1.7 .2				6894S					-S-	72.6	29.2
17 50 4.9	+55 6 38	SPC				-3.3 .3		6895S					-S-	83.1	30.4
17 50 16.6	+45 42 50	SPC		-2.2 .2		-3.5 .3		6896S					-S-	72.4	29.1
17 50 21.0	+44 49 9	SPC		-.9 .2				6897S					-S-	71.4	28.9
17 50 41.9	+41 31 51	SPC				-4.4 .3		6898S				EO	-S-	67.7	28.2
17 50 43.7	+ 4 33 38	SPC		-.3 .2				6899S					-?-	30.3	15.0
17 50 53.0	+10 45 36	IRC		-1.0 .4	-3.8 .7		M4	2021S	10338		V2078 OPH		?--	36.1	17.7
17 50 57.9	-34 19 47	SPC		-.2 .2	-1.1 .2			6900S	-30382E		V711 SCO		-S-	356.3	-4.4
17 50 58.0	-28 19 54	IRC	1.8 .4				M8	5151S	-30330				1--	1.5	-1.3
17 51 4.4	+45 44 38	SPC		-1.3 .2				6901S					-S-	72.4	29.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 51 29.7	+ 5 16 24	SPC		-.3 .2				6902S					-S-	31.1	15.2
17 51 29.8	-24 8 33	SPC		-1.1 .2		-2.9 .3		6903S					-S-	5.1	.7
17 51 40.6	+54 52 36	SPC				-2.9 .3		6904S					-*-	82.8	30.2
17 51 58.2	+55 2 23	SPC				-2.8 .3		6905S					-*-	83.0	30.2
17 52 28.3	+45 45 56	SPC		-2.3 .2		-3.1 .3		6906S				EO	-S-	72.5	28.7
17 52 43.0	-13 37 6	IRC	1.4 .4				M8	5155S	-10385		FV SER		1--	14.4	5.8
17 52 47.0	-28 1 24	IRC	1.7 .4				C	5156S	-30333		V781 SGR		1--	1.9	-1.5
17 52 52.2	+49 58 34	SPC		-1.6 .2				6907S					-S-	77.3	29.4
17 53 14.0	-12 52 24	IRC	1.4 .4				M6	5157S	-10386				1--	15.1	6.1
17 53 31.9	- 1 24 14	SAO	1.3 .3	.1 .2			M4	2029S	330		DO 4481		2--	25.3	11.6
17 53 54.7	-37 28 27	SPC		.1 .2			M3E	6908S	-30383E		V438 SCO		-S-	353.9	-6.4
17 54 10.3	-24 55 1	SPC			-2.3 .2			6909S					-S-	4.8	-.2
17 54 13.8	+50 24 18	SPC		-1.1 .2				6910S					-S-	77.8	29.2
17 54 20.0	+ 5 53 6	AGL	1.7 .4					5158S			V389 OPH		1--	32.0	14.8
17 55 14.6	+33 47 12	SPC		.0 .2			M5 G	6911S	30323		DO 16347		-S-	59.6	25.3
17 55 28.0	+80 38 54	IRC	1.2 .4		-.8 .2		M7	5163S	80034		CW DRA		1-*	112.6	29.2
17 55 29.7	+44 42 33	SPC		-1.7 .2				6912S					-S-	71.4	28.0
17 55 30.4	+29 47 23	SPC		-.7 .2			M8	6913S	30322		AU HER		-S-	55.4	24.0
17 55 49.0	-16 35 36	IRC	1.9 .4				M8	5160S	-20407				1--	12.2	3.7
17 55 49.2	+29 15 7	SAO	1.0 .3				G8 III	5162S	30324	6703	XI HER		1--	54.9	23.8
17 55 55.8	-30 15 52	SPC		-.5 .2		-3.0 .3	M2 IB	6914S	-30341	6693	GC 24451	EO	-S-	.3	-3.2
17 55 59.9	-24 20 56	SPC		.1 .2		-3.7 .3		6915S					-S-	5.5	-.2
17 56 20.4	- 6 38 29	SAO	1.8 .4				K5	5164S	-10388				1--	20.9	8.5
17 56 35.8	-31 14 17	SPC		-.1 .2			M7	6916S	-30343		V1725 SGR		-S-	359.6	-3.8
17 56 41.8	- 6 6 32	SAO	1.2 .4				MA	5166S	-10389				1--	21.4	8.7
17 56 53.0	-23 31 6	IRC	.9 .4				M3 C	5165S	-20409				1--	6.3	-.0
17 57 1.5	-20 20 14	SAO	1.7 .4				K0 II	5167S	-20410	6704	GC 24490		1--	9.1	1.6
17 57 5.5	-33 39 41	SPC		.1 .2			MQ	6917S	-30389E		V1731 SGR		-S-	357.5	-5.1
17 57 13.7	- 4 40 3	SPC			-2.5 .2			6918S					-?-	22.8	9.3
17 57 16.0	- 8 4 30	AGL	1.3 .3					2045S					1--	19.8	7.6
17 57 36.6	- 4 20 49	SPC			-2.2 .2			6919S					-S-	23.1	9.3
17 57 49.8	+16 45 8	SAO	1.9 .4				K0 II	5168S	20340	6713	93 HER		1--	42.6	18.7
17 58 0.0	+23 35 24	IRC	1.3 .4				M5E	5169S	20341		WY HER		1--	49.3	21.3
17 58 2.0	-22 58 48	AGL		-2.0 .4			M5	5170S	-20412				1--	6.9	.0
17 58 3.9	+ 5 37 1	EIC	1.7 .4				M	5171S	10345		V569 OPH		1--	32.2	13.9
17 58 16.2	-37 8 14	SPC		-.1 .2			M5E	6920S	-30391E		AF CRA		-S-	354.6	-7.0
17 58 24.5	-15 21 37	SAO	1.6 .4				M4	5173S	-20414				1--	13.5	3.8
17 58 26.6	- 4 9 36	SPC			-1.6 .2			6921S					-S-	23.4	9.2
17 58 28.7	-17 9 24	SAO	1.3 .4				K3 G	5175S	-20415	6715	6 SGR		1--	12.0	2.9
17 58 30.4	+45 30 10	SAO	1.6 .4				M0 IIIAB	5172S	50276	6728	DO 36010		1--	72.4	27.7
17 58 36.0	-15 26 0	AGL	1.2 .4				M4	5174S	-20414				1--	13.5	3.7
17 58 46.4	+33 12 52	SAO	2.0 .4	.3 .2	-2.4 .5		K6 G	5177S	30325	6726	GC 24523		C--	59.2	24.4
17 58 49.1	+26 57 34	SPC		-.9 .2				6922S					-S-	52.8	22.4
17 58 51.0	-25 54 1	SPC		-.8 .2				6923S					-S-	4.5	-1.6
17 58 54.9	- 4 17 59	SPC			-1.6 .2			6924S					-S-	23.3	9.1
17 59 22.0	+21 37 18	AGL	1.6 .4	-2.3 .6	-3.1 .5		G5 IIIP	5180S	20343	6729	95 HER		1--	47.5	20.3
17 59 22.3	+27 2 9	SPC		-1.5 .2				6925S					-S-	52.9	22.3
17 59 25.6	+ 8 26 59	EIC	1.7 .4	-.4 .2	-1.4 .2	-2.0 .3	M5	5179S	10346		DO 4539		1?-	34.9	14.8
17 59 26.0	-19 10 42	IRC	1.8 .4				C	5181S	-20420				1--	10.4	1.6
17 59 33.8	-12 19 10	SAO	1.4 .4				M3	5178S	-10391				1--	16.3	5.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
17 59 45.2	-22 37 20	SPC		-.7 .2		-3.4 .3		6926S					-S-	7.4	-.1
17 59 53.0	-22 0 54	IRC	1.5 .3				M5	5182S	-20422				1--	7.9	.1
18 0 8.0	-25 13 54	IRC	1.9 .4				M6	5183S	-30347				1--	5.2	-1.5
18 0 16.6	-32 18 5	SPC			-3.0 .2			6927S				EO	-S-	359.0	-5.0
18 0 20.0	+49 51 42	AGL		-1.1 .4				5185S					1--	77.4	28.2
18 0 33.2	+51 45 45	SPC		-1.5 .2		-3.6 .3		6928S				EO	-S-	79.5	28.5
18 0 44.5	+14 59 59	SAO	1.3 .3				M4 G	5187S	20345		DO 16402		1--	41.2	17.4
18 0 45.0	-13 15 30	IRC	1.3 .4				M3	5188S	-10393				1--	15.7	4.3
18 0 54.7	+ 5 41 39	SPC			-1.4 .2			6929S					-S-	32.6	13.3
18 1 2.0	-16 56 6	IRC	1.4 .3				M6.5	2055S	-20425				2--	12.5	2.4
18 1 2.2	- 3 37 37	SPC			-2.1 .2			6930S					-S-	24.2	8.9
18 1 27.0	-29 38 25	SPC				-3.8 .3	G2 VC	6931S	-30351	6742	W SGR		-S-	1.5	-3.9
18 1 34.0	-12 44 36	IRC	1.6 .4				M7	5189S	-10394				1--	16.2	4.4
18 1 37.0	-26 2 24	IRC	1.9 .4				M6	5190S	-30348				1--	4.6	-2.2
18 2 24.7	+73 35 57	FIR			-1.3 .2			6932S					-F?	104.5	29.5
18 2 25.4	-36 0 47	SPC		-1.2 .2				6933S					-?-	356.0	-7.2
18 2 27.0	-27 4 54	IRC	1.7 .4				M5	5192S	-30352				1--	3.8	-2.9
18 2 40.7	-30 26 3	SPC		-.4 .2	-2.8 .2		K0 III	6934S	-30353	6746	GAM SGR	EO	-?-	.9	-4.6
18 2 40.9	-24 0 7	SPC			-2.5 .2			6935S					-S-	6.5	-1.4
18 2 55.0	-25 27 6	IRC	1.7 .4				M6	5194S	-30355				1--	5.3	-2.2
18 3 28.0	+50 40 0	AGL	1.4 .4	-1.0 .4				5195S					1--	78.4	27.8
18 3 45.0	-27 51 0	IRC	1.1 .4				M6	5196S	-30356				1--	3.3	-3.5
18 4 10.0	-14 37 24	IRC	1.4 .4				C	5197S	-10397				1--	14.9	2.9
18 4 17.8	-28 39 55	SPC				-3.6 .3		6936S					-S-	2.6	-4.0
18 4 35.3	+ 6 20 10	SPC			-2.3 .2			6937S					-S-	33.6	12.8
18 4 36.0	+ 8 20 25	SPC		-.0 .2			M2E	6938S	10348		V873 OPH		-S-	35.4	13.6
18 5 4.6	-28 26 25	SPC				-3.6 .3	GP	6939S	-30359	6766	GC 24694		-S-	2.9	-4.0
18 5 10.7	-30 34 53	SPC			-1.5 .2			6940S					-S-	1.1	-5.1
18 5 20.0	-20 3 0	IRC	1.5 .3				M7	2073S	-20433				2--	10.3	.0
18 5 20.0	-23 52 0	IRC	2.0 .4				M7	5198S	-20432				1--	7.0	-1.9
18 5 24.0	+78 26 31	SPC		-.3 .2				6941S					-S-	110.0	29.0
18 6 4.6	-22 49 25	SPC			-2.6 .2			6942S					-S-	7.9	-1.5
18 6 14.2	-33 27 8	SPC		-.8 .2				6943S					-S-	358.6	-6.7
18 7 37.0	-23 40 6	IRC	1.6 .4				M	5202S	-20440		SY SGR		1--	7.4	-2.2
18 7 55.4	-17 35 35	SPC		-.3 .2		-2.8 .3		6944S					-S-	12.7	.7
18 8 0.0	- 6 6 24	IRC	1.7 .4				M5	5204S	-10403				1--	22.8	6.2
18 8 5.0	-18 53 0	IRC	1.2 .4				M3	5203S	-20441				1--	11.6	.0
18 8 27.3	-21 53 41	SPC			-1.8 .2			6945S					-S-	9.0	-1.5
18 9 4.8	+85 31 58	FIR			-2.4 .2			6946S					-**	118.0	28.1
18 9 6.0	-14 55 24	IRC	1.4 .4				M8	5205S	-10405				1--	15.2	1.7
18 9 6.8	-19 52 11	SPC		-.5 .2				6947S					-S-	10.9	-.7
18 9 58.0	-16 19 24	IRC	1.5 .4				M6	5208S	-20447				1--	14.1	.9
18 9 58.0	-24 53 42	IRC	1.5 .4	-.1 .2			M10	5207S	-20448				1--	6.6	-3.3
18 10 20.2	+ 4 8 0	SAO	2.4 .4	.3 .2			M5	5210S	340		DO 4640		1--	32.2	10.5
18 10 46.0	+25 5 0	IRC	1.6 .4				M6	5209S	30329		DO 16558		1--	52.0	19.2
18 10 54.8	+21 48 28	SPC		-.3 .2			K4 III	6948S	20353	6820	DO 16573		-S-	48.8	17.9
18 11 15.0	-12 39 42	AGL	1.3 .3					2091S					1--	17.4	2.4
18 11 16.8	-17 3 21	SPC			-1.8 .2	-3.2 .3	M4	6949S	-20450				-S-	13.6	.2
18 11 47.8	- 8 41 1	SPC			-2.8 .2			6950S					-?-	21.0	4.1
18 11 59.9	- 2 37 8	SAO	1.4 .3				M2	5212S	342		DO 4665		1--	26.4	7.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 12 22.1	-17 23 27	SPC			-3.5 .2			6951S				EO	-S-	13.4	-.2
18 12 24.4	-34 35 13	SPC		.1 .2				6952S			V2780 SGR		-2-	358.2	-8.3
18 12 24.5	+74 30 50	SPC		-.1 .2		-2.7 .3		6953S					-?4	105.5	28.8
18 12 40.1	-13 19 0	SPC				-3.2 .3		6954S					-S-	17.0	1.7
18 12 48.8	-16 20 56	SPC				-3.1 .3		6955S					-S-	14.4	.3
18 12 52.9	-18 40 43	SPC		-.9 .2		-2.1 .3		6956S					-S-	12.3	-.9
18 12 56.0	+25 55 54	AGL			-2.9 .4			2099S					1--	53.0	19.0
18 13 22.0	+27 33 30	AGL	1.8 .3					2100S					1--	54.6	19.6
18 13 35.6	+16 16 43	SPC			-2.5 .2			6957S					-S-	43.8	15.1
18 13 37.3	- 0 14 26	SPC				-2.3 .3		6958S					-S-	28.7	7.7
18 13 42.1	+15 55 15	SPC			-2.6 .2			6959S					-?-	43.5	14.9
18 14 2.1	+15 45 55	SPC			-2.5 .2			6960S					-?-	43.4	14.8
18 14 3.0	+17 18 54	SPC			-2.6 .2			6961S				EO	-S-	44.8	15.4
18 14 4.4	-17 0 24	SPC		-1.1 .2				6962S					-S-	13.9	-.3
18 14 5.5	+71 15 38	SPC			-1.4 .2	-1.8 .3		6963S					-*4	101.8	28.6
18 14 15.1	+ 3 43 13	SPC		-.2 .2			M4.5E	6964S	344		RY OPH		-?-	32.3	9.4
18 14 19.0	-25 35 48	AGL	1.4 .3					5214S			SVS 3955		1--	6.4	-4.5
18 14 33.0	-25 18 24	AGL	2.1 .3					5215S			V1648 SGR		1--	6.7	-4.4
18 14 37.3	-10 58 42	SPC				-3.3 .3		6965S					-S-	19.3	2.4
18 14 37.8	+16 24 20	SPC			-2.6 .2			6966S					-S-	44.0	14.9
18 14 43.1	-17 12 12	SPC		-1.3 .2				6967S					-S-	13.8	-.6
18 14 44.9	-16 23 50	SPC				-3.7 .3		6968S					-S-	14.6	-.2
18 14 44.9	+16 2 32	SPC			-2.7 .2			6969S					-S-	43.7	14.7
18 14 47.0	-15 18 24	IRC	1.8 .4				M3 RED	5216S	-20457				1--	15.5	.3
18 14 59.3	-17 50 57	SAO	1.2 .3				M3	5217S	-20458				1--	13.3	-.9
18 15 9.1	-20 5 23	SPC		-.7 .2				6970S					-S-	11.4	-2.0
18 15 15.7	+58 46 3	SPC		-.3 .2				6971S					-S-	87.7	27.5
18 15 23.0	+47 47 30	AGL	1.3 .3					5218S					1--	75.7	25.3
18 15 40.2	+ 6 54 58	SPC		.1 .2			M7E III	6972S	10354		BC OPH		-S-	35.4	10.6
18 15 40.5	-16 58 39	SPC		-.5 .2				6973S					-S-	14.2	-.6
18 16 0.0	-25 37 30	AGL	1.5 .3					5219S			SVS 3992		1--	6.6	-4.8
18 16 4.0	+16 13 23	SPC			-2.3 .2			6974S					-S-	44.0	14.5
18 16 4.3	+16 57 51	SPC		-1.2 .2				6975S					-S-	44.7	14.8
18 16 22.2	-16 45 5	SPC		-.9 .2				6976S					-S-	14.4	-.7
18 16 32.0	+36 41 12	AGL	.1 .3					5221S					1--	64.1	22.1
18 17 8.5	+17 4 36	SPC		-.3 .2				6977S					-S-	44.9	14.6
18 17 11.9	+14 55 19	SPC			-2.3 .2			6978S					-S-	42.9	13.7
18 17 22.5	+15 8 13	SPC			-3.1 .2			6979S				EO	-S-	43.1	13.8
18 18 7.0	+16 55 17	SPC		-1.4 .2				6980S				EO	-S-	44.9	14.4
18 18 12.0	+17 11 44	SPC		-.2 .2				6981S					-S-	45.1	14.5
18 18 16.5	-15 44 1	SPC				-3.5 .3		6982S				EO	-S-	15.5	-.6
18 18 26.2	+16 27 29	SPC			-2.4 .2			6983S					-S-	44.5	14.1
18 18 31.7	-15 47 19	SPC			-3.5 .2			6984S				EO	-S-	15.5	-.7
18 18 50.9	-38 36 56	SPC		-.0 .2			K0	6985S	-30408E	6862	GC 25051		-?-	355.2	-11.3
18 19 0.0	-23 34 30	IRC	1.3 .4				M7	5225S	-20469				1--	8.7	-4.5
18 19 37.4	-15 39 2	SPC				-3.7 .3		6986S					-S-	15.8	-.9
18 19 51.9	+16 14 53	SPC		-.5 .2		-3.4 .3		6987S					-S-	44.4	13.7
18 20 21.0	-20 40 48	SAO	1.7 .4				M3	5229S	-20471				1--	11.4	-3.4
18 20 24.1	-41 5 57	SPC			-2.5 .2			6988S					-S-	353.0	-12.7
18 20 25.7	-15 26 57	SPC				-3.8 .3		6989S					-S-	16.0	-.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 20 31.6	+16 33 3	SPC		-.3 .2		-5.5 .3		6990S				EO	-S-	44.8	13.7
18 20 33.8	-23 4 22	SAO	1.8 .4				M0	5230S	-20473				1--	9.3	-4.5
18 20 38.9	+67 22 21	SPC		.1 .2			M3 G	6991S	70143		DO 36201		-?-	97.4	27.8
18 20 46.4	- 4 31 37	EIC	1.5 .4				M	2141S	348				2--	25.7	4.2
18 20 55.1	- 8 57 43	SAO	1.7 .4				K0 III	5231S	-10417	6884	ZET SCT		1--	21.8	2.0
18 21 0.0	-13 25 42	SPC			-2.5 .2			6992S					-S-	17.9	-.1
18 21 10.5	-15 14 8	SPC				-4.1 .3		6993S					-S-	16.3	-1.0
18 21 16.5	-40 52 26	SPC			-2.5 .2			6994S					-S-	353.3	-12.7
18 21 37.5	-14 57 28	SPC			-3.2 .2			6995S				EO	-S-	16.6	-.9
18 21 49.2	+15 47 58	SPC		-.6 .2				6996S					-S-	44.2	13.1
18 21 49.6	-18 27 24	SPC			-1.8 .2			6997S					-S-	13.5	-2.6
18 21 56.9	-15 1 40	SPC				-4.1 .3		6998S					-S-	16.6	-1.1
18 21 57.5	+72 42 42	SAO	1.7 .3				F7 V	2144S	70144	6927	CHI DRA		2--	103.5	28.1
18 22 19.3	- 6 52 40	EIC	1.7 .4				M8	5233S	-10418				1--	23.8	2.7
18 22 20.7	-34 56 3	SPC			-2.9 .2			6999S				EO	-S-	358.9	-10.3
18 22 30.0	+43 52 47	SAO	1.5 .4				M2 III	5232S	40316		DO 36212		1--	71.9	23.1
18 22 43.3	-14 49 12	SPC				-4.2 .3		7000S					-S-	16.9	-1.1
18 22 47.0	-13 47 54	IRC	2.0 .3				M2 IAB	5234S	-10419		CASE 49		1--	17.8	-.7
18 23 8.3	+15 12 22	SPC				-3.1 .3		7001S					-S-	43.8	12.5
18 23 20.9	-37 54 56	SPC				-5.3 .3		7002S				EO	-S-	356.2	-11.8
18 23 46.0	-21 8 42	IRC	1.4 .4				M6	5236S	-20483		V1661 SGR		1--	11.4	-4.3
18 23 50.7	-12 55 35	SPC		-.6 .2				7003S					-S-	18.7	-.5
18 23 56.6	-12 56 54	SPC				-3.1 .3		7004S					-S-	18.6	-.5
18 25 8.0	-16 47 24	IRC	1.7 .4	.1 .2			M5E	5237S	-20484		AK SGR		C--	15.4	-2.6
18 25 9.1	-12 39 1	SPC				-3.0 .3		7005S					-S-	19.0	-.6
18 25 10.5	-21 16 16	SAO	1.6 .4				M2	5238S	-20485				1--	11.4	-4.7
18 25 38.0	-19 48 42	IRC	1.8 .4				M3	5239S	-20486			EO	1--	12.8	-4.1
18 25 50.4	+65 31 57	SAO	1.3 .4				K2 III	5240S	70145	6945	42 DRA		1--	95.4	27.1
18 26 15.4	-10 37 18	SPC				-3.3 .3		7006S					-S-	21.0	.1
18 26 56.0	-11 11 54	IRC	1.7 .4				S	5243S	-10428				1--	20.5	-.3
18 27 5.0	+16 11 6	AGL		-1.7 .4				5244S				EO	1--	45.1	12.1
18 27 18.7	+ 1 53 2	SPC		-.7 .2				7007S					-S-	32.2	5.7
18 28 20.4	- 8 27 19	EIC	1.2 .4				M5	5246S	-10430		RCW 171		1--	23.1	.7
18 28 26.0	- 9 24 36	IRC	1.6 .4				S4,9	5247S	-10431		BP SCT		1--	22.3	.2
18 28 29.4	-21 17 9	SAO	2.1 .5				K5	5245S	-20490				1--	11.8	-5.3
18 29 6.9	+25 7 36	SAO	1.7 .4	-1.6 .5	-3.5 .5		M6	5248S	30336		DO 16848		1--	53.7	15.4
18 30 3.6	- 8 18 13	SPC				-3.0 .3		7008S					-S-	23.5	.3
18 30 8.0	-19 43 36	IRC	1.6 .4				S5	5250S	-20493		V2003 SGR		1--	13.3	-5.0
18 30 9.7	+ 4 15 30	SAO	1.6 .4	.1 .2			M2	5249S	354		DO 4886		1--	34.6	6.1
18 30 18.0	+20 19 54	AGL	1.5 .4	-2.3 .5	-2.8 .6			5253S			GH HER		1--	49.3	13.2
18 30 41.2	+23 34 42	SAO	2.0 .4				K5 G	5254S	20366	6966	GC 25328		1--	52.4	14.4
18 30 50.2	-24 4 17	SAO	1.3 .4				K4 C	5255S	-20495	6961	24 SGR		1--	9.5	-7.1
18 31 22.3	+ 3 40 25	EIC	1.5 .4				M6	5256S	356		AG SER		1--	34.2	5.6
18 31 24.0	-13 6 54	IRC	1.5 .4				M2	5257S	-10436				1--	19.3	-2.2
18 31 41.6	- 6 2 35	SPC				-3.6 .3		7009S					-S-	25.6	1.0
18 31 43.0	- 9 4 8	SPC				-4.1 .3		7010S				E?	-S-	23.0	-.4
18 31 54.6	-42 36 41	SPC			-2.7 .2			7011S					-S-	352.5	-15.2
18 31 57.0	- 3 53 7	SPC		-1.3 .2				7012S					-S-	27.6	2.0
18 32 10.4	+ 6 59 15	SPC		-.1 .2	-1.4 .2		M4	7013S	10362		V851 OPH		-S-	37.3	6.9
18 32 26.7	- 7 41 3	SPC				-3.1 .3	M0	7014S	-10437				-?-	24.3	.1

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 32 35.0	-11 39 5	SPC		-1.0 .2				7015S					-S-	20.8	-1.8
18 32 57.3	+ 6 25 3	EIC	1.5 .4				M2	5260S	10363		V925 OPH		1--	36.9	6.5
18 33 11.3	-27 58 19	SPC		.3 .2			M7	7016S	-30391		V2010 SGR		-S-	6.2	-9.3
18 33 22.0	-23 55 6	IRC	1.4 .4					5261S	-20498		NGC 6656		1--	9.9	-7.5
18 33 31.0	+28 44 12	AGL		-.7 .4				5262S			SVS 101742		2--	57.5	15.9
18 34 10.3	-19 15 9	SAO	1.5 .4				K2	5265S	-20502		GC 25425		1--	14.2	-5.6
18 34 23.0	+30 26 18	AGL			-3.3 .5	-6.3 .6		5266S					1--	59.3	16.4
18 35 13.0	+31 17 36	AGL		-.8 .4	-2.6 .4			5267S					1--	60.2	16.5
18 35 18.0	-12 24 54	IRC	1.6 .4				M6	2209S	-10443				2--	20.4	-2.7
18 35 25.0	+35 11 54	AGL		-.3 .4	-2.7 .5			5269S					1--	64.0	18.0
18 35 43.0	+14 42 42	AGL			-3.5 .5			5271S					1--	44.7	9.6
18 36 1.0	+22 40 12	IRC	1.2 .4				M3	2212S	20368		DO 16914		2--	52.1	12.9
18 36 38.0	-28 41 54	IRC	1.5 .3	-.2 .2			M6	5274S	-30392		MO SGR		1--	5.9	-10.3
18 36 44.8	+30 24 24	SAO	1.4 .4	-1.0 .4			M2 III	5273S	30337		DO 16922		1--	59.4	15.9
18 36 48.8	+72 36 23	SPC			-1.4 .2			7017S					--3	103.4	27.0
18 37 50.9	- 4 59 52	SPC				-3.2 .3		7018S				E?	-S-	27.3	.2
18 38 .4	- 4 50 31	SPC		-.8 .2		-3.7 .3		7019S					-S-	27.4	.2
18 38 55.0	+74 17 0	IRC	1.6 .3				M5E	2231S	70146		RS DRA		2--	105.3	27.0
18 39 1.1	+46 2 52	SAO	1.8 .4				M7	5277S	50283		DO 36424		1--	75.0	21.0
18 39 7.1	+65 58 22	SPC		-.7 .2				7020S					-S-	96.1	25.8
18 39 7.4	- 3 21 36	SPC			-2.3 .2			7021S					-?-	28.9	.6
18 39 15.2	+ 6 23 12	EIC	1.6 .4				M5	5276S	10369		WY OPH		1--	37.6	5.1
18 39 35.6	- 7 23 13	SAO	1.4 .4				M4	5278S	-10455		GC 25581		1--	25.4	-1.3
18 39 36.9	-45 49 58	SPC		-.1 .2			M6	7022S	-40275E		RW TEL		-S-	350.0	-17.7
18 40 7.0	+10 18 12	AGL			-3.1 .4		M5P	5279S			V668 OPH	EO	1--	41.2	6.7
18 40 26.9	-43 27 53	SPC		-.1 .2				7023S	-40276E		V388 CRA		-S-	352.3	-17.0
18 40 43.1	- 2 58 5	SPC			-1.6 .2			7024S					-S-	29.4	.5
18 40 44.5	-11 23 16	SAO	1.6 .4				M5	5282S	-10456		GC 25608		1--	21.9	-3.4
18 40 47.8	- 8 19 35	SAO	1.2 .4	-.5 .2			G8 II	5280S	-10457	7032	EPS SCT		1--	24.7	-2.0
18 41 1.7	- 1 36 37	SAO	1.1 .3				M3	5281S	368		DO 5047		1--	30.7	1.0
18 41 4.9	+29 45 26	SAO	1.3 .4				M5	5283S	30341		DO 16974		1--	59.2	14.8
18 42 2.0	+11 14 0	AGL		-.9 .4				5286S			V1118 OPH		1--	42.2	6.7
18 42 5.9	- 9 16 33	SPC		.0 .2			M6	7025S	-10459		AA SCT		-S-	24.0	-2.7
18 42 32.0	+17 27 12	IRC	1.1 .4	-1.2 .5			M6.5	5287S	20371		DO 16991		1--	47.9	9.3
18 42 49.4	- 3 28 47	SPC		-.6 .2				7026S					-S-	29.2	-.2
18 43 4.2	- 2 22 14	SPC			-2.5 .2			7027S					-S-	30.2	.2
18 43 19.7	-22 26 47	SAO	1.8 .4				K4 G	5291S	-20516	7046	28 SGR		1--	12.3	-8.9
18 43 20.0	+ 8 41 23	SAO	1.4 .4				M5	5290S	10377		T AQL	EO	1--	40.1	5.2
18 43 36.3	-29 41 8	SAO	1.1 .3				M3	5292S	-30394		GC 25702		1--	5.7	-12.1
18 43 43.9	+72 3 20	SPC		-.6 .2				7028S					-S-	102.9	26.4
18 43 54.0	- 3 0 30	IRC	1.5 .4				M5	5293S	375				1--	29.7	-.3
18 43 54.1	- 9 50 25	SPC				-3.1 .3		7029S					-S-	23.7	-3.4
18 44 53.4	+ 5 23 58	EIC	1.3 .5				C5,4	5295S	10379		DR SER		1--	37.3	3.4
18 44 56.8	-12 23 8	SAO	1.6 .4				K5	2250S	-10462				2--	21.5	-4.8
18 45 0.0	+42 43 48	AGL		-.9 .4	-2.9 .5			5297S					1--	72.1	18.9
18 45 15.6	-16 30 44	SPC			-1.8 .2			7030S					-S-	17.9	-6.7
18 45 19.8	- 1 41 31	SPC		-1.2 .2		-4.2 .3		7031S				EO	-S-	31.1	.0
18 45 33.0	- 2 58 18	SPC				-2.9 .3		7032S					-S-	30.0	-.6
18 46 7.0	+19 3 30	IRC	.8 .3	-1.5 .6			M6	5298S	20376		MZ HER		1--	49.7	9.3
18 46 9.0	- 9 40 0	AGL	1.6 .3					2255S			SVS 7952		1--	24.1	-3.8

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 46 19.2	+ 2 21 57	SAO	1.5 .3				M3	5300S	380		DO 5112	EO	1--	34.8	1.7
18 46 22.9	+15 46 13	SAO	2.2 .4		-3.7 .4		M5	5299S	20377		DO 17051		1--	46.8	7.7
18 46 25.8	- 2 32 3	AGL		-.5 .2				2257S			SHARP. 67		C?-	30.5	-.6
18 47 .3	- 5 58 15	SAO	1.4 .3				K0	5302S	-10465	7083	GC 25801		1--	27.5	-2.3
18 47 2.4	- 0 41 16	SPC		-.2 .2		-3.6 .3		7033S					-S-	32.2	.1
18 47 16.0	-23 53 51	SPC			-2.0 .2			7034S				EO	-S-	11.4	-10.4
19 47 28.0	-10 45 24	AGL	1.6 .4					5303S			SY SCT		1--	23.3	-4.6
18 47 36.0	+28 4 18	AGL	1.6 .3		-2.9 .4			5304S					1--	58.2	12.8
18 47 59.5	-16 42 59	SPC		-.8 .2		-2.4 .3		7035S					-?-	18.0	-7.4
18 48 11.0	- 6 48 24	IRC	1.9 .4				C8,2E	2262S	-10469		AI SCT		2--	26.9	-2.9
18 48 19.9	+24 2 48	SAO	1.4 .4	-1.0 .5			M1	5306S	20378		DO 17089		1--	54.5	10.9
18 48 37.0	- 9 38 0	AGL	1.8 .3					5308S			IV SCT		1--	24.4	-4.3
18 48 37.0	-12 41 24	IRC	2.0 .4		-1.0 .2		M6	5307S	-10470				1--	21.7	-5.7
18 48 38.0	+23 43 36	IRC	1.7 .3				M4	2263S	20379		DO 17095		2--	54.3	10.7
18 48 49.0	- 0 6 42	IRC	1.7 .4				M6	5310S	384		OH30.1-0.7		1--	32.9	-.0
18 48 59.0	+25 0 0	AGL		-.8 .5	-3.3 .4			5309S			CS HER		2--	55.5	11.2
18 49 5.0	- 1 36 18	AGL	1.5 .3					2265S					1--	31.6	-.8
18 49 16.0	+73 48 3	SPC		-.2 .2		-2.4 .3		7036S					-?4	104.9	26.2
18 49 24.8	+ 1 13 1	SPC				-3.2 .3		7037S					-S-	34.1	.5
18 49 43.8	- 2 30 24	SPC			-2.3 .2			7038S					-S-	30.9	-1.3
18 49 47.4	+46 40 38	SAO	1.4 .3				M6	2269S	50285		DO 36566		2--	76.3	19.4
18 49 55.5	- 0 13 5	SPC			-2.3 .2			7039S					-?-	32.9	-.3
18 50 2.1	- 3 16 1	AGL	1.3 .4	-.2 .2			M8	5311S	386				C?-	30.2	-1.7
18 50 10.4	- 7 56 32	AGL			-.6 .2			5312S			DS SCT		C--	26.1	-3.9
18 50 16.0	+33 30 42	AGL	1.4 .3	-.7 .4			M6	5313S			HM LYR	EO	1--	63.6	14.5
18 50 27.8	+59 19 36	SAO	1.3 .4				K0 II	5314S	60259	7125	OMI DRA		1--	89.3	23.1
18 50 56.0	+17 3 12	AGL		-1.6 .4	-3.0 .4	-6.4 .7		5315S					2--	48.4	7.3
18 51 3.0	-12 41 30	IRC	1.3 .3				M7	5316S	-10472		SW SCT		1--	21.9	-6.2
18 51 7.1	+ 9 35 44	SAO	1.3 .4		-2.2 .6		M3	5317S	10383		DO 5176		1--	41.8	3.9
18 51 10.0	+42 7 0	AGL	1.4 .3	0.0 .4				5318S					1--	71.9	17.6
18 51 13.4	- 2 28 25	SPC			-1.3 .2			7040S					-S-	31.1	-1.6
18 51 32.6	+ 1 57 30	SPC		-.5 .2		-3.1 .3		7041S					-S-	35.0	.3
18 51 52.0	+36 49 18	AGL	1.6 .3		-2.8 .5			5319S					1--	66.8	15.5
18 51 54.7	- 6 50 26	SPC		-.8 .2				7042S					-S-	27.3	-3.8
18 51 59.2	+50 38 43	SAO	1.6 .5				G8 III	5320S	50286	7137	GC 25935		1--	80.4	20.4
18 52 13.8	+27 50 47	SAO	1.5 .4	-2.8 .5	-2.8 .4		K4 G	5322S	30346	7132	GC 25942		1--	58.4	11.8
18 52 33.3	+ 8 11 50	EIC	1.1 .3				M0 RED	5323S	10385				1--	40.7	3.0
18 52 44.1	- 8 15 10	EIC	1.3 .4				C7,4	5324S	-10475		T SCT		1--	26.1	-4.6
18 53 19.3	-29 38 16	SAO	2.0 .4				M4	5325S	-30397				1--	6.6	-14.0
18 53 19.7	- 4 51 34	SAO	1.7 .4				M4	2281S	394				2--	29.2	-3.2
18 53 33.5	-43 35 23	SPC		-.2 .2				7043S					-S-	353.1	-19.3
18 53 44.6	-18 9 26	SPC			-1.8 .2			7044S					-S-	17.3	-9.3
18 54 35.2	+ 1 34 46	SPC				-2.5 .3		7045S					-*-	35.0	-.5
18 55 .9	+71 13 51	SAO	1.4 .3				K0 III	5326S	70147	7180	UPS DRA		1--	102.1	25.4
18 56 28.2	+25 10 46	SAO	1.6 .3				M5	2294S	30348		DO 17253		2--	56.4	9.8
18 56 46.0	+10 19 24	IRC	1.3 .3				M6.5	5328S	10390		DO 5239		1--	43.1	3.0
18 57 4.0	- 6 56 12	AGL	1.3 .3					2295S					1--	27.8	-5.0
18 57 23.2	- 2 55 50	SPC			-2.3 .2			7046S					-S-	31.4	-3.2
18 58 7.6	+32 4 28	SAO	1.3 .4				K3 II	5329S	30350	7192	LAM LYR		1--	62.9	12.4
18 59 29.0	+ 5 7 36	AGL			-3.5 .4			5330S					1--	38.8	.0

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
18 59 45.2	+ 3 33 41	SPC		-.6 .2				7047S					-S-	37.4	-.7
19 0 17.0	+25 15 54	AGL			-2.8 .4		M2	2307S			AN VUL		2--	56.9	9.0
19 1 10.0	+ 5 26 48	AGL	1.1 .3	-1.2 .4	-2.8 .5			2313S					1--	39.2	-.2
19 1 28.0	+29 4 12	IRC	1.3 .4	-1.3 .4	-3.3 .4		M8	5332S	30351		YZ LYR		2--	60.4	10.5
19 1 38.3	+71 41 55	SPC			-1.2 .2			7048S					--2	102.8	24.9
19 2 21.9	- 7 12 55	EIC	1.2 .4				M7	5335S	-10487				1--	28.1	-6.3
19 2 33.4	+ 1 31 56	SAO	1.2 .3				M3	5334S	411		DO 5323		1--	35.9	-2.3
19 2 43.0	-12 46 24	IRC	1.1 .4				M9	5336S	-10488		AE SGR		1--	23.1	-8.8
19 2 52.0	+39 10 30	AGL			-3.1 .4			5337S					2--	70.0	14.4
19 3 3.4	+31 40 7	SAO	1.2 .3		-2.2 .6		M0 IIIA	5338S	30353	7237	DO 17381		1--	63.0	11.3
19 3 30.1	-30 48 17	SPC			-1.5 .2			7049S					-S-	6.4	-16.5
19 3 31.9	-31 7 46	SPC			-2.1 .2			7050S					-S-	6.1	-16.6
19 3 32.0	+ 3 6 6	AGL			-3.6 .4			5340S					1--	37.4	-1.8
19 3 50.2	+29 50 33	SAO	1.7 .3		-3.1 .6		M0 G	2322S	30357	7244	DO 17399		2--	61.4	10.3
19 5 30.0	-12 45 18	AGL	1.6 .3					2328S					1--	23.4	-9.4
19 5 36.0	+31 6 48	AGL	1.3 .3	-.1 .4				5342S					1--	62.7	10.5
19 6 13.0	- 4 8 24	IRC	1.7 .4				M9	5343S	413				1--	31.3	-5.7
19 6 32.6	+24 5 54	SAO	1.6 .4				M0	5344S	20388		SVS 101803		1--	56.4	7.2
19 7 58.0	+ 7 43 30	AGL		-1.2 .4	-3.0 .4			5345S					1--	42.0	-.6
19 7 59.0	+35 8 0	AGL	1.5 .3					5346S					1--	66.6	11.8
19 8 2.1	-13 15 45	SPC				-2.8 .3		7051S					-S-	23.3	-10.2
19 8 39.0	+36 30 30	AGL	1.5 .3					5348S					1--	68.0	12.3
19 9 37.4	-17 1 40	SPC				-3.2 .3		7052S					-S-	20.0	-12.2
19 9 43.1	-26 33 12	SPC		-.6 .2				7053S					-S-	11.0	-16.1
19 9 44.3	+32 31 47	SAO	1.1 .3				M6	5349S	30362		OU LYR		1--	64.4	10.4
19 9 56.6	+67 12 1	CIO	1.5 .3				M6E	2339S	70149		U DRA		2--	98.2	23.1
19 10 28.1	-37 5 58	SPC			-2.4 .2			7054S					-?-	.7	-20.1
19 10 55.3	-36 31 8	SPC			-1.5 .2			7055S					-S-	1.4	-20.0
19 11 3.6	-36 50 47	SPC			-2.1 .2			7056S					-S-	1.0	-20.1
19 11 4.0	+25 55 36	AGL	1.4 .3	-.4 .3			S	2342S			S LYR		2--	58.6	7.1
19 11 23.5	+ 2 32 19	SAO	1.4 .4	-1.4 .5			M5	5350S	416		V842 AQL		1--	37.8	-3.8
19 11 27.0	+27 39 54	AGL	1.4 .3					2344S			EI LYR		1--	60.2	7.9
19 11 57.6	+11 37 32	SAO	2.0 .4				K0	5351S	10412		GC 26506		1--	45.9	.3
19 12 41.8	+14 35 0	SAO	1.5 .4	-.8 .4			M3	5353S	10413		DO 17555		1--	48.6	1.6
19 13 1.6	+57 37 6	SAO	1.4 .4				K2 III	5354S	60264	7309	54 DRA		1--	88.5	19.8
19 13 20.8	+18 25 38	SAO	1.5 .4				M2 III	5355S	20391		DO 17567		1--	52.1	3.2
19 13 36.0	-10 7 24	AGL	1.7 .3					2352S					1--	26.7	-10.1
19 13 48.9	+73 46 44	SPC		-.0 .2			M3 G	7057S	70151		DO 37074		-S-	105.2	24.5
19 14 8.0	+34 35 18	AGL			-3.1 .5			2355S			OW LYR		2--	66.7	10.4
19 14 26.0	+22 24 6	AGL			-3.1 .5			5358S					2--	55.8	4.8
19 15 5.5	- 8 36 20	SPC			-2.2 .2			7058S					-S-	28.3	-9.7
19 15 18.2	-36 38 46	SPC		-.7 .2				7059S	-30444E		V924 SGR		-S-	1.5	-20.9
19 15 28.0	-19 27 0	IRC	1.5 .4				M4	5359S	-20551				1--	18.3	-14.5
19 16 31.5	+73 15 48	SAO	1.6 .4				K3 III	2364S	70153	7352	TAU DRA		2--	104.7	24.2
19 17 4.2	+27 10 5	SAO	1.7 .4	-.6 .6			M4	5362S	30367		DO 17633		1--	60.3	6.5
19 17 18.9	- 6 10 8	SPC			-2.0 .2			7060S					-?-	30.7	-9.1
19 17 21.6	- 6 43 18	SAO	2.1 .4				K0	5363S	-10501		GC 26655		1--	30.2	-9.4
19 17 41.0	-26 33 43	SPC			-2.0 .2			7061S					-S-	11.7	-17.8
19 17 47.0	+46 4 48	AGL	1.4 .3					5365S					1--	77.6	14.7
19 17 50.1	-37 21 20	SPC				-3.3 .3		7062S					-S-	1.0	-21.6

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RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
19 18 9.5	- 4 35 49	SAO	1.3 .4				M0 II	5366S	425		GC 26676		1--	32.2	-8.6
19 18 10.0	+40 41 42	IRC	1.7 .4				M5	2372S	40344		DO 37124		3--	72.6	12.4
19 18 22.0	+37 47 6	IRC	1.0 .3				C4,5E	5367S	40345		U LYR		1--	70.0	11.1
19 18 39.0	+41 37 12	AGL		-.7 .4			M2E	5368S			HO LYR		2--	73.5	12.7
19 20 5.7	- 3 19 45	EIC	1.6 .4				M6	5369S	426		DO 5651		1--	33.6	-8.4
19 20 25.0	+ 7 20 12	AGL		-.6 .5				2377S			V1126 AQL		2--	43.1	-3.5
19 22 15.3	- 8 56 52	EIC	1.6 .4				M6	5371S	-10510				1--	28.8	-11.4
19 22 25.0	+17 39 54	IRC	1.7 .4				M4	5373S	20400		DO 17726		1--	52.5	1.0
19 23 10.0	+35 55 36	IRC		-1.3 .4	-3.0 .5		M8	5374S	40346		DO 17733		2--	68.7	9.4
19 23 21.0	+53 32 0	AGL		-.6 .5				2385S			NGC 6798		2--	85.1	16.9
19 23 41.0	+60 55 30	AGL	1.7 .4		-2.8 .5			2386S					2--	92.3	19.7
19 23 42.7	+68 54 58	SAO	1.6 .5		-1.9 .2		M0	5375S	70154		DO 37274		C--	100.4	22.4
19 23 49.6	+65 33 13	SAO	1.8 .3				M7	2387S	70155		DO 37260		2--	97.0	21.3
19 24 9.0	-18 36 42	IRC	1.4 .4				M5E	5376S	-20562		AN SGR		1--	20.0	-16.0
19 24 17.3	+19 47 27	SAO	1.6 .4				M0 IIIB	5378S	20405	7391	DO 17749		1--	54.5	1.6
19 24 41.0	+ 0 56 30	AGL		-.9 .4				5379S			V532 AQL		1--	38.0	-7.5
19 25 40.0	+33 25 6	AGL			-3.1 .4			2393S					1--	66.7	7.8
19 26 16.9	-43 45 16	SPC		-1.1 .2				7063S					-S-	354.8	-25.0
19 26 17.0	+12 45 24	AGL	1.2 .3					2394S					1--	48.6	-2.2
19 26 42.5	+ 3 45 26	EIC	1.1 .4				M5	5382S	436		V858 AQL		EO 1--	40.7	-6.6
19 26 47.0	+17 54 18	AGL			-3.0 .5			5381S					1--	53.2	.2
19 26 49.4	-16 15 13	SAO	1.6 .4				M4	5380S	-20564				1--	22.5	-15.6
19 27 9.0	+ 4 27 12	AGL		-1.2 .4	-2.9 .5	-2.0 .9		5383S			V1133 AQL		1--	41.4	-6.4
19 27 11.3	-43 58 47	SPC		-1.3 .2				7064S					-S-	354.6	-25.2
19 27 36.6	-17 14 3	SPC		-.5 .2				7065S					-S-	21.6	-16.2
19 28 5.0	+11 16 54	AGL	1.9 .3					5384S			V976 AQL	K4-27	1--	47.5	-3.3
19 28 19.0	- 4 3 51	SPC		-.7 .2				7066S					-S-	33.9	-10.6
19 28 21.3	-44 21 42	SPC		-1.0 .2				7067S					-S-	354.3	-25.5
19 28 33.0	+15 32 54	AGL			-3.0 .4			2405S					1--	51.3	-1.3
19 28 48.0	-10 54 0	IRC	1.3 .4				M6	5385S	-10515		DN AQL		1--	27.7	-13.7
19 29 12.0	+49 46 24	AGL			-3.2 .4			5387S					1--	81.9	14.6
19 29 54.0	- 6 31 12	AGL	1.4 .4					5388S			GM AQL		EO 1--	31.8	-12.1
19 30 53.4	+ 6 9 11	EIC	1.6 .4				M5	5389S	10427		V621 AQL		1--	43.3	-6.4
19 31 4.0	+ 2 50 42	AGL	1.4 .4					5391S			V1138 AQL		1--	40.4	-8.0
19 31 7.0	+36 43 54	IRC	1.9 .5				M5	5390S	40349		HM CYG		1--	70.2	8.3
19 31 7.0	-22 44 54	IRC	1.6 .4				M5	5392S	-20567				1--	16.7	-19.1
19 31 11.0	+ 1 32 18	AGL			-3.6 .4	-6.3 .6		5393S			GO AQL		2--	39.3	-8.6
19 31 14.0	+32 35 36	AGL	2.0 .4	-1.1 .4				5394S			V895 CYG		1--	66.6	6.4
19 31 37.0	+45 21 48	AGL			-3.2 .4			5395S					1--	78.0	12.2
19 32 23.1	+60 2 56	SAO	1.6 .4				K4 III	5401S	60268	7448	DO 37451		1--	91.9	18.4
19 32 34.0	+23 46 42	IRC	1.5 .4		-3.0 .6		K5	5398S	20415		DO 17894		1--	59.0	1.8
19 32 49.0	+30 39 42	IRC	1.1 .3		-2.7 .5		M7	5399S	30375		SVS 101861		1--	65.0	5.1
19 32 52.0	+ 0 36 24	IRC	1.4 .4		-2.6 .6		M9	5400S	445		V607 AQL		1--	38.6	-9.4
19 32 59.4	-38 49 18	SPC		-.8 .2				7068S					-S-	.4	-24.9
19 33 6.0	+63 31 12	AGL	1.5 .3					5402S					1--	95.3	19.6
19 33 8.0	- 0 14 30	AGL	1.7 .4					5403S			V862 AQL		1--	37.9	-9.9
19 33 21.0	+48 7 36	AGL	1.4 .3					5404S					1--	80.7	13.2
19 33 26.0	+47 41 12	AGL		-.4 .4				5405S					1--	80.3	13.0
19 33 33.0	- 0 33 24	IRC	1.4 .5				M8	5406S	446		V1319 AQL		1--	37.7	-10.1
19 34 5.6	-13 23 31	SPC			-3.1 .2			7069S					-?-	25.9	-16.0

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RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
19 34 52.0	+12 2 36	AGL	1.3 .3					2421S					1--	49.0	-4.4
19 35 6.0	+85 20 35	FIR			-.6 .2			7070S					-**	117.9	26.4
19 35 9.0	+20 28 18	AGL		-.9 .5	-2.8 .4			5408S					1--	56.4	-.3
19 35 53.0	+ 6 19 12	AGL	1.6 .4					5409S			V826 AQL		1--	44.1	-7.4
19 36 46.0	+30 55 48	AGL	1.8 .4		-2.5 .4			5410S			SVS 4763		2--	65.7	4.5
19 37 2.0	+12 3 30	AGL			-3.2 .5			5412S			LW AQL		1--	49.3	-4.8
19 37 5.0	+20 4 0	IRC	1.3 .4	-1.5 .4		-5.3 .8	M3	5413S	20422		DO 17969		1--	56.2	-.9
19 37 9.6	+16 27 20	SAO			-2.7 .5	-6.4 .6	K4 IB	5411S	20424	7475	DO 17970		1--	53.1	-2.7
19 37 24.0	+30 2 13	SAO	1.9 .4		-2.7 .5		G8 III	5414S	30380	7478	PHI CYG		1--	65.0	4.0
19 37 39.1	- 4 4 16	SPC		-.6 .2				7071S					-S-	35.0	-12.7
19 37 57.1	-44 5 18	SPC			-2.6 .2			7072S					-?-	355.0	-27.1
19 38 19.3	- 4 49 36	SPC		-.4 .2				7073S					-S-	34.4	-13.2
19 38 27.0	+32 42 42	AGL	1.6 .3					2431S					1--	67.4	5.1
19 38 29.4	-43 49 35	SPC			-2.5 .2			7074S					-S-	355.4	-27.1
19 38 45.2	-51 17 31	SPC			-3.8 .2			7075S					-S-	347.1	-28.6
19 39 17.2	-20 56 1	SPC				-2.7 .3		7076S					-S-	19.2	-20.2
19 39 20.7	-23 20 9	SPC				-2.7 .3		7077S					-S-	16.8	-21.1
19 39 21.3	-51 1 44	SPC			-3.4 .2			7078S					-S-	347.4	-28.7
19 39 57.0	-50 45 57	SPC			-3.4 .2			7079S					-S-	347.7	-28.7
19 40 5 0	+42 5 36	IRC	1.5 .4	-1.2 .4			M7	5416S	40359				1--	75.8	9.4
19 40 11.0	+59 30 12	AGL	1.6 .3					5415S					1--	91.8	17.3
19 40 32.2	-50 30 9	SPC			-2.5 .2			7080S					-S-	348.0	-28.8
19 40 44.7	-43 40 42	SPC		-1.7 .2				7081S				ED	-S-	355.6	-27.5
19 41 2.4	-50 49 38	SPC			-3.4 .2			7082S					-S-	347.7	-28.9
19 41 6.0	+58 46 36	AGL	1.6 .3					5417S					1--	91.2	16.8
19 41 43.0	+23 4 24	IRC	1.5 .3				M6	5418S	20429				1--	59.4	-.3
19 41 44.3	-10 20 30	SPC			-2.6 .2			7083S					-S-	29.6	-16.4
19 41 56.0	+14 35 54	IRC	1.7 .4				M6.5	5419S	10436		V462 AQL		1--	52.1	-4.6
19 42 4.8	+41 39 8	SAO	2.0 .4				M0 IIIAB	5422S	40360	7514	DO 37664		1--	75.6	8.8
19 42 11.9	-43 19 41	SPC			-3.1 .2			7084S				ED	-S-	356.1	-27.7
19 42 12.6	+48 39 26	SAO	1.5 .4				M3E	5420S	50306		RT CYG		1--	81.9	12.2
19 42 13.0	+32 23 18	AGL	1.1 .3					2444S			IO CYG		1--	67.5	4.2
19 42 15.5	-10 5 36	SPC			-2.8 .2			7085S					-S-	29.9	-16.4
19 42 15.8	-49 42 42	SPC			-3.3 .2			7086S					-S-	349.0	-28.9
19 42 23.7	+50 56 45	SAO	2.1 .4				M3	5424S	50307		DO 37673		1--	84.0	13.2
19 42 28.3	+37 13 57	SAO	1.7 .3				G8 III	5421S	40361	7517	15 CYG		1--	71.8	6.6
19 42 36.0	- 0 51 48	AGL	1.1 .3					5423S			SVS 4795		1--	38.5	-12.3
19 42 51.0	+33 15 30	AGL	1.5 .4	-.5 .4	-2.6 .5		K5	2447S			V969 CYG		1--	68.3	4.6
19 42 59.1	-49 27 24	SPC			-2.5 .2			7087S					-S-	349.3	-29.0
19 43 11.5	+58 13 55	SAO	1.4 .3				M7	5425S	60271		DO 37697		1--	90.8	16.4
19 43 19.8	-49 46 17	SPC			-3.3 .2			7088S					-S-	348.9	-29.1
19 43 31.0	+31 21 12	IRC	1.5 .4				M6.5	2451S	30390		V976 CYG		2--	66.8	3.5
19 44 16.7	-17 12 6	SAO	1.0 .4				M5 III	5427S	-20574		V4026 SGR		1--	23.4	-19.8
19 44 50.0	+53 5 0	AGL		-.8 .4				5428S					1--	86.1	13.8
19 45 10.0	+15 55 0	AGL		-1.4 .4			M2	5429S			V446 AQL		1--	53.6	-4.6
19 45 12.8	-23 35 49	SPC			-1.9 .2			7089S					-S-	17.1	-22.4
19 45 22.0	+59 28 24	AGL	1.4 .3	-1.0 .4				5430S			SVS 4826		1--	92.1	16.7
19 46 4.0	+23 46 36	AGL		-.2 .4	-3.1 .4			2457S					1--	60.5	-.8
19 46 16.8	- 9 29 43	SPC			-1.5 .2			7090S					-S-	31.0	-17.0
19 46 41.0	+26 0 30	IRC	1.5 .3				C5,3	5431S	30392				1--	62.5	.2

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
19 47 13.0	+30 17 12	IRC	1.4 .3				M8	5432S	30393		ER CYG		1--	66.2	2.3
19 47 18.0	+21 27 24	IRC	.9 .4				M6.5	5433S	20436		DO 18198		1--	58.7	-2.3
19 48 17.0	+26 13 42	IRC	1.5 .4				M4	5434S	30394		DO 18218		1--	62.9	-.0
19 49 15.0	+22 24 6	AGL		-.9 .4				2468S					1--	59.7	-2.2
19 49 22.4	+52 51 38	SAO	1.7 .4				K3 III	5435S	50310	7576	20 CYG		1--	86.2	13.1
19 49 39.0	- 0 30 0	IRC	1.1 .4				M5	5436S	456		V1051 AQL		1--	39.7	-13.7
19 49 55.5	+ 0 52 33	SAO	1.4 .4				F7 IB	5437S	457	7570	ETA AQL		1--	40.9	-13.1
19 50 13.0	+42 22 24	AGL		-1.8 .3	-2.9 .4			5438S					2--	77.0	7.9
19 51 5.0	+29 31 30	IRC	1.4 .4				M2E	5439S	30397		EV CYG		1--	66.0	1.1
19 51 18.2	-[illegible] 50 39	SPC			-3.3 .2			7091S					-S-	5.8	-27.3
19 51 25.5	- 8 42 20	SAO	1.4 .3				K5 G	5441S	-10526	7584	56 AQL		1--	32.3	-17.8
19 51 26.8	+33 49 7	SAO	1.5 .4				M3	5440S	30398		V449 CYG		1--	69.7	3.3
19 53 0.0	+23 15 12	AGL	1.6 .3					2473S			HM VUL		2--	60.9	-2.5
19 53 13.4	-36 31 42	SPC				-2.4 .3		7092S					-S-	4.1	-28.1
19 53 41.0	+32 37 54	IRC	1.7 .4	-1.0 .4			M7	5444S	30400		V468 CYG		1--	69.0	2.3
19 54 10.9	-15 57 24	SPC				-2.7 .3		7093S					-?-	25.6	-21.5
19 54 52.9	+17 10 36	SAO		-.5 .4	-2.8 .4		M3	5445S	20442		DO 18366		2--	55.9	-6.0
19 54 55.0	+33 53 36	AGL		-1.4 .4				2478S					1--	70.2	2.7
19 55 2.5	-40 11 25	SPC				-3.6 .3		7094S					-S-	.1	-29.3
19 55 14.0	+24 7 42	IRC	1.5 .4				M5	5446S	20443		DO 18377		1--	61.9	-2.5
19 55 19.0	-41 59 49	SPC		-.0 .2			M4E	7095S	-40296E		RU SGR		-S-	358.1	-29.7
19 56 24.5	- 8 1 16	EIC	1.3 .4				M7E	5448S	-10527		RS AQL		1--	33.5	-18.6
19 56 30.0	+10 12 0	AGL	1.6 .3					5449S			SVS 4941		1--	50.0	-9.9
19 57 21.0	-16 40 54	IRC	1.5 .4				M7	5451S	-20578				1--	25.2	-22.5
19 57 24.9	-52 13 32	SPC			-2.9 .2			7096S					-S-	346.4	-31.6
19 57 55.0	+ 9 28 12	AGL			-3.5 .4			5452S					1--	49.6	-10.6
19 57 57.0	+35 9 12	AGL			-2.8 .4			5453S			SHARP. 101		2--	71.6	2.9
19 58 43.2	-34 27 11	SPC				-3.7 .3		7097S				EO	-*-	6.7	-28.7
19 58 50.0	+40 2 42	IRC	1.6 .4	-1.3 .5			M6.5	5454S	40372		AH CYG		1--	75.8	5.3
19 58 56.7	-34 10 31	SPC				-3.2 .3		7098S					-*-	7.0	-28.6
20 0 .9	+49 54 17	CID	1.3 .4	-1.2 .4			M5.5E	5456S	50314		Z CYG		1--	84.4	10.2
20 0 31.0	+30 38 6	IRC	1.7 .4		-2.8 .4		C5,5	5455S	30408		V1583 CYG		1--	68.0	-.0
20 0 32.2	-14 27 27	SPC				-2.4 .3		7099S					-S-	27.7	-22.3
20 0 43.5	+ 4 35 19	SAO	1.4 .4				K5	5457S	463		GC 27796		1--	45.6	-13.6
20 0 53.6	-31 20 1	SPC			-3.8 .2			7100S					-S-	10.3	-28.2
20 1 10.3	-32 13 35	SPC		.0 .2			K1 G	7101S	-30424	7659	GC 27811		-*-	9.3	-28.6
20 1 30.5	-37 54 24	SPC		-1.2 .2				7102S					-S-	3.0	-30.0
20 1 31.0	+21 21 16	SAO	1.5 .4				MA	2499S	20450		HU SGE		2--	60.3	-5.1
20 2 56.3	+19 50 48	SAO	1.6 .4		-2.7 .5		K2 III	5460S	20453	7679	ETA SGE		1--	59.2	-6.2
20 3 18.6	+44 40 15	SAO	1.5 .4				K0	5459S	40381				1--	80.2	7.0
20 3 29.9	-40 48 9	SPC		-.6 .2				7103S					-S-	359.8	-31.0
20 4 27.0	+24 17 12	IRC	1.3 .3				S4,2	5461S	20456		DK VUL		1--	63.1	-4.1
20 4 40.8	+67 52 59	SAO	1.4 .5				M3 IIIA	5464S	70162	7704	DO 38091		1--	100.9	18.5
20 4 41.5	+13 10 44	SAO	1.6 .4				M4	5463S	10449		DO 6463		1--	53.7	-10.1
20 4 45.2	+61 51 0	SAO	1.7 .4				K3 III	5462S	60279	7701	66 DRA		1--	95.4	15.7
20 5 8.0	+52 52 48	AGL	2.1 .4					5465S			V761 CYG		1--	87.5	11.1
20 5 49.6	+16 31 4	SAO	1.8 .4				M3 G	5466S	20457	7696	DO 18592		1--	56.7	-8.6
20 6 22.0	- 1 48 6	AGL			-3.9 .4			5467S					1--	40.5	-18.0
20 6 41.0	+33 6 12	AGL		-1.9 .5				5469S					2--	70.8	.2
20 6 51.9	+56 25 53	SAO	1.8 .4				M7	5468S	60281		DO 38112		1--	90.7	12.7

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RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
20 6 52.6	-25 44 41	SAO	1.6 .4				M3	5470S	-30427				1--	16.8	-27.8
20 7 19.0	+36 47 0	IRC	1.5 .4				M7	5471S	40388		DO 18628		1--	74.0	2.1
20 7 37.2	+28 10 34	SAO	1.0 .4				M3	5472S	30414		SVS 101948		1--	66.8	-2.6
20 7 58.9	-45 18 19	SPC			-1.7 .2			7104S					-S-	354.8	-32.6
20 8 18.0	+29 11 30	IRC	1.5 .4		-3.6 .4		C	5473S	30416				1--	67.7	-2.2
20 8 34.0	-14 27 12	AGL	1.4 .4				CE	5474S			R CAP		1--	28.6	-24.0
20 8 35.0	+48 41 30	AGL		-.8 .4				5475S			SVS 5059		2--	84.1	8.4
20 8 49.0	- 7 48 0	AGL		-1.7 .3	-3.5 .4			2518S					1--	35.2	-21.3
20 9 3.4	+72 24 17	SPC		-.7 .2				7105S					-?-	105.4	20.3
20 9 5.0	+36 25 30	IRC	1.9 .4				M6	5482S	40392		V428 CYG		1--	73.9	1.6
20 9 14.5	-45 21 35	SPC			-1.7 .2			7106S					-S-	354.7	-32.8
20 9 21.0	- 0 47 54	AGL			-3.0 .4			5480S					1--	41.8	-18.1
20 9 26.0	- 0 34 42	AGL			-3.0 .4	-4.2 .9		5481S			V515 AQL		1--	42.0	-18.1
20 9 33.8	-25 38 15	SPC			-2.3 .2			7107S					-S-	17.1	-28.3
20 9 41.0	+ 9 46 48	AGL	1.0 .3					2521S					1--	51.4	-12.9
20 10 18.4	-25 41 4	SPC			-2.5 .2			7108S					-S-	17.1	-28.5
20 11 4.0	+32 5 0	IRC		-.6 .4			M7	2525S	30420		V557 CYG		2--	70.5	-1.1
20 11 10.1	+25 5 23	SAO	1.6 .3				M3	5483S	30421		SVS 101959		1--	64.6	-5.0
20 11 10.6	-24 17 23	SPC			-2.5 .2			7109S					-S-	18.7	-28.2
20 11 20.0	+18 48 18	AGL		-1.2 .4				2527S					1--	59.4	-8.5
20 11 25.0	+41 11 24	AGL		-.5 .5	-2.0 .5		M6.5	5484S	40395		V431 CYG		2--	78.1	3.9
20 11 44.0	+17 34 6	AGL	1.1 .3		-3.0 .5		M5E	2529S			CO SGE		1--	58.4	-9.2
20 11 56.3	-24 20 16	SPC			-2.5 .2			7110S					-S-	18.7	-28.4
20 12 2.3	-44 36 58	SPC		-.3 .2			SP	7111S	-40299E		RZ SGR		-S-	355.7	-33.2
20 12 32.6	+60 29 14	SAO	1.6 .4				K5 G	5485S	60284	7742	GC 28120		1--	94.7	14.2
20 13 9.0	-36 33 15	SPC		-.0 .2			M4	7112S	-30463E	7728	GC 28139		-S-	5.2	-32.0
20 13 40.0	+36 53 0	AGL	1.7 .4				C5	2539S			V432 CYG		2--	74.8	1.1
20 13 41.7	+27 39 35	SAO	1.3 .4				K3 III	5488S	30424	7744	23 VUL		1--	67.1	-4.0
20 13 43.0	-18 34 6	IRC	1.2 .3	.3 .2	-2.8 .6		M5	5487S	-20584				1--	24.9	-26.8
20 13 51.0	-15 24 11	SPC			-2.6 .2			7113S					-?-	28.2	-25.6
20 14 8.0	+80 1 42	IRC	1.6 .4				M7	2543S	80039		BD CEP		2--	112.9	23.4
20 14 11.0	- 7 15 54	IRC	1.6 .4				M6	5489S	-10532		V499 AQL		1--	36.3	-22.2
20 14 20.9	-39 16 27	SPC		-.4 .2			M6E	7114S	-30465E		RT SGR		-S-	2.1	-32.8
20 14 33.3	+ 6 54 59	SAO	1.2 .3				M5	5491S	10462		DO 6615		1--	49.5	-15.4
20 14 39.0	+49 51 24	AGL	1.8 .4	-1.0 .4				5490S			SVS 101973		1--	85.7	8.2
20 15 18.7	+72 27 3	SAO	1.4 .4	.1 .2			M3 III	5492S	70164		DO 38265		1?-	104.[illegible]	[illegible]
20 15 36.0	+36 38 0	AGL	1.7 .4	-.5 .4				2545S			SHARP. 104		2--	[illegible]	.7
20 15 46.0	-15 3 42	AGL	1.4 .3					2546S					1--	28.8	[illegible]
20 15 46.2	+42 33 57	SAO	1.7 .4				K4 II	5494S	40402	7762	GC 28214		1--	79.7	4.[illegible]
20 15 59.0	+37 51 36	AGL	2.9 C	1.7 .4	.6 C			5493S			P CYG		2--	75.8	1.3
20 16 8.0	+43 9 12	AGL	1.8 .4					2548S					2--	80.2	4.3
20 16 44.0	+37 17 54	IRC	1.5 .4				C9,2	5495S	40403		WX CYG		1--	75.4	.9
20 17 8.2	+38 50 47	SAO	1.4 .4				K5 IB	5496S	40404		DO 18850		1--	76.8	1.7
20 19 28.8	-17 14 11	SPC		-.8 .2				7115S					-S-	26.9	-27.5
20 20 48.4	+ 7 47 40	EIC	1.3 .3				M7	5498S	10465		DO 6712		1--	51.1	-16.3
20 21 1.0	+18 12 24	SAO	1.0 .3				M7	5497S	20465		DO 18930		1--	63.1	-10.7
20 21 45.0	- 2 52 48	AGL			-3.0 .5			5500S					1--	41.4	-21.9
20 22 9.0	+37 27 0	AGL		-1.4 .4	-3.5 .5			5501S					2--	76.2	1
20 22 16.4	-30 7 23	SPC		-.2 .2			MB	7116S	-30429		GC 28390		-S-	13.1	-32.3
20 22 19.3	-32 12 30	SPC				-2.9 .3		7117S					-S-	10.1	-32.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
20 22 23.0	+24 7 18	AGL			-3.4 .4			2572S					1--	65.3	-7.6
20 22 58.6	+16 49 55	SAO	1.5 .3				M7	5503S	20467		DO 18962		1--	59.2	-11.9
20 23 7.0	+23 50 12	IRC	1.7 .4				M4	5505S	20468		IK VUL		1--	65.1	-7.9
20 23 7.0	+58 39 36	IRC	1.6 .4				M5	5502S	60290		DO 38400		1--	93.8	12.0
20 23 25.0	+33 45 48	AGL	1.5 .3		-2.2 .6			2573S					1--	73.3	-2.3
20 23 58.0	+26 4 42	IRC	1.0 .4				M6	5506S	30432		AV VUL	EO	1--	67.1	-6.8
20 24 59.0	+40 9 48	AGL		-1.5 .4	-2.8 .6			5507S			HFE 64		1--	78.7	1.2
20 25 26.0	-15 52 0	IRC	1.2 .4				M7	5508S	-20588				1--	29.0	-28.3
20 28 55.0	+44 45 30	IRC	1.3 .3				M7	5510S	40426		V506 CYG		1--	82.9	3.3
20 29 40.5	-21 52 51	SPC		-.1 .2	-1.3 .2		M9	7118S	-20590		RU CAP		-S-	22.9	-31.5
20 29 51.9	+18 27 26	SAO	1.4 .4				M4 II	5511S	20471		DO 19088		1--	61.6	-12.3
20 30 33.2	+56 36 34	SAO	1.6 .4				K5 G	5512S	60293	7860	GC 28589		1--	92.7	10.1
20 31 17.0	+54 46 42	IRC	1.4 .3				M6E	5513S	50332		ST CYG		1--	91.2	8.9
20 31 29.0	+ 2 10 0	IRC			-2.5 .5		M5	5514S	481		V1330 AQL		1--	47.5	-21.5
20 32 1.0	+19 21 29	SAO	1.5 .4				M7	5515S	20473		DO 19132		1--	62.6	-12.2
20 32 29.0	+28 6 6	IRC	1.7 .4		-2.6 .5		M5 II	5516S	30438		FG VUL		1--	69.9	-7.2
20 32 44.0	+52 51 12	AGL		-.8 .5	-3.7 .5			5517S			V1199 CYG		2--	89.8	7.6
20 33 3.0	+28 23 54	IRC	1.4 .4				M8E	5518S	30440		SX VUL		1--	70.2	-7.1
20 33 16.5	-38 33 20	SPC				-3.2 .3		7119S					-S-	3.6	-36.3
20 33 34.0	+42 23 30	AGL		-.3 .4	-3.2 .5			5519S			HFE 67	EO	2--	81.5	1.2
20 33 42.0	+61 9 30	IRC	1.5 .5				M5	5522S	60294		BX CYG		1--	96.7	12.4
20 33 54.6	-29 32 51	SPC			-2.3 .2			7120S					-?-	14.5	-34.6
20 34 6.8	-29 16 18	SPC			-2.2 .2			7121S					-?-	14.9	-34.6
20 34 12.0	+61 37 54	IRC	1.6 .5				M6	5520S	60295		DO 38642		1--	97.1	12.6
20 34 14.3	+85 53 32	SPC		-.4 .2				7122S					-*-	118.9	25.5
20 34 18.9	-28 59 45	SPC			-2.0 .2			7123S					-S-	15.2	-34.6
20 34 22.0	+32 14 0	AGL	1.7 .4		-4.0 .5			5523S			SVS 5232		2--	73.4	-5.0
20 35 18.4	-33 15 53	SPC		-.9 .2				7124S					-S-	10.2	-35.8
20 35 28.0	+59 53 42	AGL	2.3 .5		-3.2 .4		N	5524S			V778 CYG		1--	95.8	11.5
20 35 39.0	+36 40 12	IRC	1.2 .3				C5,5	5526S	40436		DO 19211		1--	77.2	-2.6
20 35 51.3	+33 36 25	SAO	1.7 .4		-3.1 .6		M4	5525S	30443		DO 19212		1--	74.7	-4.5
20 36 27.2	+68 22 57	SAO	1.9 .4				M5	5527S	70167		DO 38684		1--	103.0	16.3
20 36 58.0	+37 42 42	IRC	1.4 .4				S6,8E	5528S	40437		FF CYG		1--	78.1	-2.1
20 37 15.0	+44 55 6	IRC	1.8 .4				M7	5529S	40438		V1201 CYG		1--	83.9	2.2
20 37 22.0	-13 49 18	SPC			-1.9 .2			7125S					-S-	32.4	-30.2
20 37 29.6	-27 58 25	SPC			-2.1 .2			7126S					-S-	16.6	-35.0
20 37 55.0	+50 0 12	AGL		-1.5 .4				2628S					2--	88.0	5.2
20 38 3.0	+59 21 30	IRC	1.5 .4				M7	5530S	60296		UU CEP		1--	95.5	10.9
20 38 51.0	+52 52 6	AGL	1.4 .3					5531S					1--	90.3	6.9
20 39 4.3	-41 59 10	SPC				-3.2 .3		7127S					-S-	359.5	-37.8
20 39 43.0	+62 17 24	AGL		-.6 .4				2634S					2--	98.1	12.5
20 41 14.6	+27 4 14	SAO	1.4 .4				M6	5533S	30446		DO 19302		1--	70.2	-9.3
20 41 18.0	+11 40 24	AGL		-1.4 .4	-2.4 .5			5532S					1--	57.4	-18.4
20 42 29.0	+72 12 12	AGL	1.5 .4					5534S			DV CEP		2--	106.6	18.0
20 42 40.0	+32 20 12	AGL		-1.1 .4				5535S			V570 CYG		2--	74.6	-6.4
20 43 2.0	+54 4 18	AGL	1.4 .3					5536S					1--	91.7	7.1
20 43 7.4	+40 13 45	SAO	1.6 .4				M5	5537S	40445		DO 38781		1--	80.9	-1.5
20 43 18.0	+67 12 12	AGL		-1.5 .5	-2.4 .5			5538S			FI CEP		2--	102.4	15.1
20 43 32.0	+32 17 36	IRC	1.4 .4				M4	5539S	30449		V829 CYG		1--	74.7	-6.5
20 43 32.2	-42 21 52	SPC			-1.8 .2			7128S					-S-	359.1	-38.6

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
20 43 51.9	-42 30 41	SPC			-3.4 .2			7129S				E?	-?-	358.9	-38.7
20 44 2.7	-51 44 42	SPC			-2.0 .2			7130S					-S-	347.1	-38.7
20 44 17.7	+ 2 15 12	SAO	.1 .3				M6E	5541S	491		V AQR		1--	49.3	-24.2
20 44 29.0	+29 58 42	IRC	1.6 .4				M7	5540S	30452		DO 19406		1--	73.0	-8.1
20 44 47.0	- 3 57 54	AGL	2.0 .3					2651S					1--	43.4	-27.4
20 45 4.0	+15 36 36	IRC	1.6 .4				M4	5544S	20483		GU DEL		1--	61.3	-16.9
20 45 8.2	+45 52 3	SAO	1.6 .5				KP	5542S	50340		CY CYG		1--	85.5	1.7
20 45 15.0	-42 23 51	SPC			-2.9 .2			7131S				EO	-S-	359.1	-39.0
20 45 35.0	+35 41 54	IRC	1.5 .5				M3	5545S	40450		V375 CYG		1--	77.6	-4.7
20 45 53.0	+44 14 12	AGL			-3.9 .6			2656S			IC 5067		2--	84.3	.6
20 46 35.8	-34 26 11	SPC		-1.5 .2				7132S					-S-	9.3	-38.3
20 46 38.9	-36 7 18	SPC		-1.6 .2				7133S					-?-	7.2	-38.6
20 46 49.5	-35 50 40	SPC		-1.5 .2				7134S					-S-	7.5	-38.6
20 46 53.0	+40 49 0	IRC	1.0 .3				M6	5546S	40451		DO 38865		1--	81.8	-1.7
20 46 54.6	-35 33 56	SPC		-1.6 .2				7135S					-S-	7.9	-38.5
20 46 55.4	-30 6 58	SPC			-3.0 .2			7136S					-S-	14.7	-37.5
20 47 12.0	+33 2 24	IRC	1.1 .3				C6,4	5547S	30456		DO 19483		1--	75.8	-6.7
20 47 14.7	-17 30 44	SPC				-2.8 .3		7137S					-S-	29.5	-33.8
20 47 20.5	-34 43 57	SPC		-1.5 .2				7138S					-S-	8.9	-38.5
20 47 21.4	-42 26 7	SPC			-1.8 .2			7139S				E?	-S-	359.1	-39.4
20 47 23.0	- 3 12 18	AGL	1.5 .3					2661S					1--	44.5	-27.6
20 47 28.1	-34 27 16	SPC		-1.6 .2				7140S					-S-	9.3	-38.5
20 47 59.8	+50 35 48	SAO		-1.0 .4			M1	5548S	50344		DO 38893		2--	89.4	4.4
20 49 44.9	- 3 24 33	SAO	2.0 .4				M4 G	5550S	495		DO 7038		1--	44.7	-28.2
20 50 5.4	- 7 57 0	SAO	1.5 .4				M8	5551S	-10552				1--	40.1	-30.5
20 50 11.0	+35 1 36	AGL			-3.7 .6	-6.6 .6		5552S					2--	77.7	-5.9
20 51 0.0	+29 29 36	AGL	1.8 .4	-1.2 .4			K2 III	2673S		7999	DO 19589		1--	73.5	-9.5
20 51 9.0	+32 55 18	AGL	.8 .4				M1	2674S			DO 19599		1--	76.2	-7.4
20 51 9.6	+20 44 28	SAO	1.6 .4				M2	5553S	20491		DO 19588		1--	66.5	-15.0
20 51 46.2	-19 1 57	SPC			-3.1 .2			7141S					-?-	28.3	-35.3
20 51 52.2	+33 14 48	SAO	1.3 .5		-2.5 .5		K5 G	5554S	30461	8005	GC 29159		1--	76.5	-7.3
20 51 52.8	-18 45 16	SPC			-3.2 .2			7142S					-S-	28.6	-35.3
20 51 59.4	-18 28 35	SPC			-2.3 .2			7143S					-S-	28.9	-35.2
20 52 19.1	-17 38 32	SPC			-3.2 .2			7144S					-S-	29.9	-35.0
20 52 25.6	-17 21 51	SPC			-3.3 .2			7145S					-S-	30.2	-34.9
20 54 6.4	+ 8 38 36	SAO	1.3 .3				M5	5555S	10481		DO 7077		1--	56.6	-22.7
20 55 29.0	+25 20 54	AGL	1.9 .5	-.2 .5	-4.1 .5			5556S			VW VUL		1--	70.9	-12.9
20 56 2.1	+22 7 54	SAO	1.0 .4				K4 G	5557S	20494	8032	33 VUL		1--	68.4	-15.0
20 56 46.0	+47 27 30	IRC	2.0 .4				M6	5558S	50352		DH CYG		1--	88.0	1.2
20 56 59.0	+41 7 24	AGL	1.2 .4				K5	2685S			DO 39067		1--	83.2	-3.0
20 57 22.6	+36 33 7	SAO	2.1 .5				M6	5559S	40459		DO 19799		1--	79.8	-6.0
20 57 52.0	+13 22 36	IRC			-2.8 .5	-6.1 .6	M7	5560S	10483		SW DEL		1--	61.3	-20.7
20 58 10.5	+19 8 3	SAO	1.5 .5				M3 IIIAB	5561S	20497	8044	GC 29329		1--	66.2	-17.3
20 58 11.4	+59 14 33	SAO	1.5 .4				K4 G	5562S	60302	8049	GC 29330		1--	97.1	8.8
20 58 48.1	-40 45 58	SPC				-2.6 .3		7146S					-*-	1.4	-41.4
20 59 3.2	- 4 19 44	SAO	1.3 .3				M6	5564S	498		DO 7129		1--	45.1	-30.7
20 59 31.0	+49 56 24	IRC	2.0 .5	.6 C			M8	5563S	50354				1--	90.1	2.5
20 59 35.6	+18 48 4	SAO	1.5 .4				M8	5566S	20498		DO 19850		2--	66.2	-17.8
20 59 53.1	-10 11 38	SAO	.9 .4				M3	5567S	-10555		GC 29365		1--	39.0	-33.6
21 0 13.2	+34 34 41	SAO	1.6 .5				M7	5568S	30466		V1058 CYG		1--	78.7	-7.8

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
21 0 40.1	+14 31 53	SAO	1.8 .4				M4	5570S	10484	8057	DO 19890		1--	62.8	-20.6
21 0 47.0	+48 0 54	AGL	1.6 .4		-3.1 .4			5569S					1--	88.8	1.1
21 0 53.0	- 2 32 54	AGL	1.5 .3					2692S					1--	47.1	-30.2
21 1 10.3	+27 7 59	SAO	.9 .4				M2 III	5571S	30468		DO 19905		1--	73.1	-12.8
21 2 5.2	+ 5 18 11	SAO	1.4 .4				K5 G	5572S	10485	8066	3 EQU		1--	54.8	-26.3
21 2 11.0	+25 34 54	AGL	1.1 .4					2696S					1--	72.0	-13.9
21 2 13.1	-40 55 57	SPC				-3.4 .3		7147S				EO	-?-	1.2	-42.1
21 2 43.7	+42 14 32	SAO	1.5 .4		-3.9 .4		M4	5573S	40467		V1059 CYG		1--	84.8	-3.0
21 3 .6	-33 22 25	SPC		-.7 .2				7148S					-S-	11.4	-41.5
21 3 11.0	-18 19 42	AGL	1.8 .4					2701S					1--	30.3	-37.6
21 3 23.0	-32 32 16	SPC		.0 .2			K3 G	7149S	-30440	8076	GC 29465		-S-	12.5	-41.4
21 3 34.7	-26 48 52	SPC			-3.1 .2			7150S					-S-	19.9	-40.3
21 3 39.3	+ 7 37 46	EIC	1.5 .4				M6	2705S	10486		Y EQU		2--	57.2	-25.3
21 5 8.0	+ 7 10 6	AGL		-1.3 .4	-3.2 .4			5574S					1--	57.0	-25.8
21 6 2.0	+ 4 44 42	AGL		-1.7 .4	-3.3 .5			5575S					1--	54.9	-27.4
21 6 3.0	+32 1 12	AGL		-.9 .4				5576S			CT CYG		1--	77.6	-10.4
21 6 9.0	+66 44 42	AGL	1.5 .3					5577S					1--	103.4	13.0
21 6 51.0	-26 24 50	SPC		-.4 .2				7151S					-S-	20.6	-40.9
21 7 6.1	-29 55 31	SAO	1.7 .4				K5	5578S	-30442		GC 29577		1--	16.1	-41.7
21 7 32.0	+37 42 48	AGL	1.1 .3		-2.7 .5			2718S					1--	82.0	-6.8
21 8 22.0	+ 4 51 0	AGL	1.8 .4					5579S			IC 1360		1--	55.4	-27.8
21 8 58.0	+43 59 12	IRC	2.1 .4				M6	5581S	40473		V579 CYG		1--	86.8	-2.7
21 9 3.0	+67 5 0	AGL		-1.5 .4	-2.7 .4			5580S					2--	103.9	13.0
21 10 4.0	+41 39 18	AGL		-.9 .4				5582S			V528 CYG		1--	85.3	-4.4
21 10 6.5	-46 30 30	SPC			-1.5 .2			7152S					-S-	353.6	-43.4
21 10 6.9	-45 23 29	SPC			-2.3 .2			7153S					-S-	355.2	-43.4
21 10 7.0	+75 40 54	IRC	1.8 .4				M3	5584S	80043		OY CEP		1--	110.7	18.6
21 10 10.0	+79 7 12	AGL	1.9 .3					5583S					1--	113.5	20.8
21 11 7.0	-46 47 16	SPC			-2.2 .2			7154S					-S-	353.2	-43.5
21 11 8.0	+55 50 12	AGL	1.6 .3					5585S					1--	95.7	5.2
21 11 8.6	-45 23 24	SPC			-2.4 .2			7155S					-S-	355.1	-43.6
21 11 11.0	+70 51 24	AGL		-1.1 .4				2724S			SVS 5386		3--	106.9	15.4
21 11 21.0	+31 53 48	AGL		-.8 .4	-3.1 .5			5586S			V472 CYG		2--	78.3	-11.3
21 11 47.0	+42 44 24	AGL			-3.9 .4			5587S			SVS 5381		1--	86.3	-3.9
21 12 3.1	- 0 6 56	SAO	1.2 .3				M1	5588S	502	8121	DO 7263		1--	51.2	-31.3
21 12 20.0	+32 33 36	AGL	1.6 .3					5589S					1--	116.5	22.9
21 12 24.1	-34 32 53	SPC			-2.9 .2			7156S					-?-	10.1	-43.6
21 12 24.8	-53 29 29	SPC				-4.0 .3		7157S					-S-	344.1	-42.8
21 12 25.7	-53 46 15	SPC				-4.4 .3		7158S					-S-	343.7	-42.7
21 12 26.8	-53 12 44	SPC		.1 .2		-4.4 .3		7159S					-S-	344.4	-42.8
21 12 40.0	+61 39 24	IRC	1.5 .4		-3.5 .4		M6.5	5590S	60306		DO 39362		1--	100.1	9.1
21 12 47.6	+37 49 [illegible]	SAO	2.0 .4				F0 IV	5591S	40475	8130	TAU CYG		1--	82.8	-7.4
21 13 17.0	+ 9 4 12	IRC	1.5 .5				M4	5593S	10490		T EQU		1--	60.0	-26.3
21 13 32.9	-52 22 22	SPC				-4.5 .3		7160S					-S-	345.5	-43.2
21 13 34.2	-52 39 8	SPC				-4.3 .3		7161S					-S-	345.2	-43.1
21 13 34.5	-53 29 24	SPC				-4.2 .3		7162S					-S-	344.0	-43.0
21 13 35.5	-52 55 53	SPC				-4.1 .3		7163S					-S-	344.8	-43.1
21 13 37.8	+46 12 41	SAO	1.4 .3				M4	5592S	50366		DO 39351		1--	89.0	-1.7
21 13 39.6	-53 46 9	SPC				-4.4 .3		7164S					-S-	343.7	-42.9
21 13 45.0	+38 0 18	AGL	1.4 .4	-.5 .4				5594S			V479 CYG		1--	83.1	-7.5

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
21 14 0.0	+57 23 36	AGL	1.3 .3					5595S					1--	97.1	6.0
21 14 47.0	+41 45 36	AGL			-3.5 .4			2730S					1--	86.0	-5.0
21 14 49.0	+36 37 36	IRC	1.6 .4				M5	5596S	40476		DO 20209		1--	82.2	-8.6
21 15 9.0	+11 13 42	AGL	1.1 .3					2734S			RY EQU		1--	62.3	-25.4
21 15 14.0	+49 46 12	IRC	1.4 .5				M4	5598S	50368		DO 39381		1--	91.7	.6
21 15 35.0	+47 53 12	AGL		-.7 .4				5599S			V589 CYG		2--	90.4	-.8
21 15 35.7	-15 48 7	SPC				-4.0 .3		7165S					-S-	34.7	-39.4
21 16 1.0	-68 49 42	AGL			-3.2 .4			5600S					1--	324.7	-38.4
21 16 5.0	- 1 27 48	AGL	1.2 .3					2738S					1--	50.5	-32.9
21 16 37.0	+19 52 42	AGL	1.0 .3					2741S					1--	69.8	-20.2
21 16 41.0	+40 46 18	AGL		-.4 .4				5602S			V1067 CYG		1--	85.5	-5.9
21 17 0.0	+17 2 0	AGL	1.4 .4	-.7 .4	-3.1 .5			5603S					1--	67.5	-22.1
21 17 .2	+23 15 44	SAO	1.1 .4				M6	5604S	20504		SVS 8646		1--	72.5	-18.0
21 17 3.0	+ 8 21 24	AGL	1.2 .3					2744S					1--	60.0	-27.5
21 19 29.8	-17 6 18	SPC		.0 .2	-1.0 .2		G8 III	7166S	-20599	8167	IOT CAP		-?-	33.6	-40.8
21 19 50.0	+57 11 36	AGL		-.3 .4				5607S					1--	97.5	5.3
21 19 59.0	- 5 50 49	SAO	1.1 .4				K5	5609S	-10560		GC 29917		1--	46.6	-36.0
21 20 15.5	- 9 32 1	SAO	1.8 .4				M0 G	5610S	-10561	8175	17 AQR		1--	42.6	-37.8
21 20 26.0	- 7 19 0	IRC	1.8 .4				M9	5612S	-10563		RZ AQR		1--	45.0	-36.8
21 20 39.0	-12 36 0	SPC		-.4 .2				7167S					-S-	39.1	-39.3
21 20 51.0	-12 10 40	SPC			-1.5 .2			7168S					-S-	39.6	-39.1
21 23 38.0	+16 5 24	AGL	1.2 .3					2762S					1--	67.8	-23.9
21 24 55.2	+13 53 44	SAO	1.3 .4	-.7 .4			M7	5614S	10495		SVS 8658		1--	66.2	-25.6
21 25 56.9	+ 7 58 38	SAO	1.2 .4				M2	5616S	10496	8219	GC 30060		1--	61.2	-29.5
21 26 2.7	+24 24 57	SAO	1.0 .4		-2.6 .5		M6	5617S	20510		DO 20469		1--	74.9	-18.7
21 26 54.0	+51 2 30	AGL			-3.8 .4			2770S					1--	94.0	.2
21 27 38.0	+55 11 36	AGL	1.4 .4	-1.1 .4				5618S			SVS 102106		1--	96.9	3.1
21 27 45.2	-25 51 20	SPC				-3.8 .3		7169S					-S-	23.0	-45.3
21 27 46.0	+47 8 24	IRC	1.1 .4	-1.1 .4			M9	5619S	50381		BK CYG		1--	91.4	-2.8
21 27 52.9	-14 23 32	SAO	1.2 .3				M3	5620S	-10564				1--	37.9	-41.6
21 28 2.5	-26 41 27	SPC				-4.0 .3		7170S					-S-	21.8	-45.6
21 28 23.0	+12 45 6	IRC	1.6 .4				M6	2774S	10497		FT PEG		2--	65.9	-27.0
21 28 30.2	-15 20 14	SPC				-4.2 .3		7171S					-S-	36.8	-42.1
21 28 46.0	+12 56 42	AGL		-.7 .4				5621S					1--	66.1	-26.9
21 28 59.0	+50 27 54	AGL		-1.1 .4	-3.6 .4			5622S					1--	93.8	-.5
21 29 18.6	+61 29 35	SAO	1.6 .5	-.3 .4	-3.2 .6		M6	5623S	60320		NT CEP		1--	101.4	7.6
21 29 31.1	-47 26 17	SPC			-1.9 .2			7172S					-S-	351.8	-46.6
21 29 48.0	+ 0 33 0	AGL	1.5 .4	-.4 .4				5624S					1--	54.8	-34.7
21 30 45.1	-22 10 33	SPC				-2.6 .3		7173S					-S-	28.2	-45.0
21 30 57.6	-19 34 1	SPC			-3.3 .2			7174S					-S-	31.7	-44.2
21 31 32.0	+56 32 18	AGL		-2.0 .4	-3.1 .4			5625S					1--	98.2	3.7
21 32 19.0	-65 8 12	AGL		-1.6 .4				5626S					1--	328.1	-41.4
21 32 20.0	+13 39 54	AGL	.9 .3					2783S					1--	67.3	-27.1
21 32 57.7	-37 26 9	SPC		-4.4 .2				7175S					-S-	6.4	-47.9
21 33 20.9	-13 26 59	SPC		-2.0 .2		-2.7 .3		7176S					-S-	39.8	-42.4
21 33 50.0	+60 41 6	IRC	1.6 .4	-1.3 .4			C5,4	5627S	60321		LU CEP		1--	101.2	6.6
21 36 4.6	- 4 22 34	SAO	1.2 .3				M5	5630S	505		DO 7525		1--	50.7	-38.7
21 36 44.0	+ 8 4 26	EIC	1.5 .4				M5	5632S	10500		EM PEG		1--	63.2	-31.5
21 36 59.0	+ 9 2 35	SAO	1.7 .4				M5	5631S	10501		DO 7532		1--	64.2	-31.0
21 37 37.7	+44 57 22	SAO	1.4 .4				M5	5633S	40487		V539 CYG		1--	91.2	-5.5

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
21 38 5.0	- 7 38 30	AGL			-3.3 .5			5634S					1--	47.4	-40.8
21 38 10.0	+65 34 24	IRC	1.7 .3				C	5635S	70172		DO 39929		1--	104.9	9.9
21 38 47.0	+51 31 36	IRC	1.4 .4				M7 III	2791S	50389		V1617 CYG		1--	95.7	-.7
21 39 7.7	-25 56 32	SPC		-.2 .2	-1.3 .2		M1	7177S	-30448		GC 30367		-S-	23.7	-47.8
21 40 26.0	+22 15 24	IRC	1.3 .4				M7	5636S	20517		VX PEG		1--	75.7	-22.6
21 41 11.7	+71 4 52	SAO	1.4 .4				K0 III	5637S	70175	8317	11 CEP		1--	108.9	13.8
21 41 25.3	-51 32 19	SPC			-2.8 .2			7178S					-S-	345.3	-47.5
21 42 8.5	+17 7 11	SAO	1.4 .3				G5 IB	2801S	20518	8313	9 PEG		2--	72.0	-26.5
21 43 2.9	-35 22 2	SPC		-.4 .2				7179S					-S-	9.6	-49.9
21 43 28.0	+67 21 48	AGL			-3.4 .4			5638S					1--	106.5	10.9
21 43 46.2	+22 43 3	SAO	1.5 .5				K0 IB	5639S	20519	8321	12 PEG		1--	76.6	-22.8
21 44 0.0	+65 38 42	AGL	1.3 .3					5640S					1--	105.4	9.6
21 44 17.4	-16 22 37	SPC		.2 .2			A6M	7180S	-20608	8322	DEL CAP		-S-	37.6	-46.0
21 45 1.0	+25 19 42	IRC	1.3 .5				M7	5641S	30479		CT PEG		1--	78.8	-21.1
21 45 56.7	+60 27 37	SAO	1.7 .3	-1.4 .5	-3.4 .5		M1 IIIB	2809S	60329	8339	12 CEP		2--	102.2	5.5
21 46 8.4	+42 6 27	SAO	1.5 .4				M5	5642S	40495		DO 40142		1--	90.5	-8.7
21 46 38.0	+78 47 10	SAO	1.5 .5				M6	5643S	80050		DO 40173		1--	114.5	19.3
21 50 42.0	+62 34 48	AGL	1.5 .4	-.7 .5				5646S					1--	104.0	6.7
21 52 22.5	-24 9 22	SPC			-1.2 .2			7181S					-S-	27.4	-50.3
21 52 42.5	+71 45 44	SPC		-.8 .2				7182S					-S-	110.1	13.7
21 52 48.1	+79 18 55	SAO	1.8 .3		-1.6 .2		M2 G	2814S	80051		GC 30681		2-0	115.1	19.5
21 53 3.5	+72 2 34	SPC		-1.4 .2				7183S					-S-	110.3	13.9
21 53 45.1	- 9 49 26	SAO	1.3 .4				M3	5647S	-10572				1--	47.4	-45.2
21 54 3.6	+21 0 5	SAO	1.5 .4				M0	5648S	20524	8372	DO 21021		1--	77.2	-25.7
21 54 39.0	-66 45 30	AGL			-3.0 .4			5649S					1--	324.7	-42.6
21 55 10.9	+39 40 53	SAO	1.1 .4				M5	5650S	40498		SVS 102138		1--	90.3	-11.7
21 56 6.4	-15 22 8	SAO	1.6 .4				M4	5651S	-20613				1--	40.6	-48.2
21 56 7.3	+65 54 0	SAO	1.5 .3				M2 III	5652S	70180		DO 40491		1--	106.6	9.0
21 56 32.0	-25 30 0	AGL			-3.2 .5	-7.0 .6		5653S					1--	25.7	-51.5
21 57 18.0	+76 23 54	IRC	1.4 .4				M4	2829S	80053		DO 40578		2--	113.4	17.1
21 57 42.0	+76 11 36	AGL	1.6 .3					5655S					1--	113.2	16.9
21 58 12.0	+57 7 36	IRC	1.5 .4				M6	5656S	60336		GN CEP		1--	101.4	1.9
21 58 32.0	+ 5 52 41	EIC	1.8 .4	-.3 .5			M6E	5658S	10505		V PEG		1--	65.4	-37.1
21 58 40.3	+ 8 0 58	SAO	1.2 .4	-.8 .4			K5 G	5657S	10506	8393	19 PEG		1--	67.4	-35.7
21 59 14.0	+48 17 12	IRC	1.7 .4				M5	5659S	50414		DO 40575		1--	96.2	-5.3
22 0 30.0	+54 28 12	IRC	1.4 .4				M2	2834S	50416		DQ CYG		2--	100.1	-.5
22 1 31.2	-30 9 34	SAO	1.7 .4				K5	5660S	-30450	8405	13 PSA		1--	18.5	-53.4
22 1 14.8	-35 56 22	SAO	1.3 .4				MA	5661S	-30494E				1--	8.7	-53.7
22 2 38.3	+14 34 22	SAO	1.2 .4				M2.5 G	5662S	10508		GC 30883		1--	73.9	-31.8
22 2 41.0	+67 31 12	AGL	1.3 .3					5663S					1--	108.1	9.9
22 3 9.0	+59 53 30	AGL	1.3 .4					2841S					2--	103.6	3.7
22 3 29.2	+62 32 29	SAO	1.9 .4				K4 III	5665S	60339	8426	20 CEP		1--	105.2	5.8
22 3 34.0	+10 18 48	AGL	1.8 .4	-.7 .4				2846S					1--	70.5	-35.0
22 4 4.0	- 0 40 6	IRC	1.6 .5				M5	5666S	514		UW AQR		1--	60.0	-42.3
22 4 28.0	+81 38 6	AGL	1.5 .3					5668S			GO CEP		1--	117.1	21.0
22 4 33.0	+41 37 6	AGL	1.6 .4					2849S					1--	92.9	-11.2
22 4 44.0	+48 13 0	IRC	1.5 .4				C6,4	5670S	50418		CT LAC		1--	96.9	-5.9
22 5 23.6	-34 48 1	SAO	1.7 .4				M3	5672S	-30496E		GC 30953		1--	10.6	-54.5
22 5 28.0	+17 31 18	AGL	1.1 .4					2853S					1--	76.8	-30.1
22 6 49.0	+44 45 42	AGL	1.0 .4				M0	5673S			BM LAC		1--	95.1	-8.9

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
22 7 16.5	+71 43 38	SPC			-2.2 .2			7184S					-S-	111.0	13.0
22 8 23.8	+72 8 23	SPC			-3.1 .2		G8 III	7185S	70185	8468	24 CEP		-?-	111.3	13.3
22 9 35.3	+38 10 7	SAO	1.5 .4				M0	5674S	40504				1--	91.6	-14.6
22 9 48.4	+24 42 10	SAO	1.8 .4				K5 G	5675S	20530	8466	GC 31064		1--	83.0	-25.3
22 9 59.0	- 5 38 54	AGL	1.3 .3					5676S					1--	55.6	-46.4
22 11 16.6	+53 22 33	SAO	1.7 .4				M2 III	5677S	50423		V341 LAC		1--	100.7	-2.3
22 12 9.6	-36 4 56	SPC				-2.8 .3		7186S					-S-	8.3	-55.8
22 13 35.7	-24 57 23	SPC		-.7 .2				7187S					-S-	28.0	-55.2
22 13 45.0	+ 3 6 0	AGL	1.9 .4		-3.9 .4			2874S					1--	66.0	-41.8
22 14 14.0	+47 28 30	AGL	1.4 .4					5679S			AV LAC		1--	97.8	-7.4
22 14 57.0	+66 45 42	AGL	1.9 .4	-.5 .4				2878S			BM CEP		2--	108.6	8.6
22 15 37.0	+61 17 18	AGL			-3.3 .4			5681S					1--	105.6	4.0
22 16 54.0	+51 11 24	AGL	.5 .4					2882S					1--	100.2	-4.6
22 18 38.0	-61 5 36	AGL			-2.8 .5		M4C	5682S			UU TUC		1--	329.1	-48.0
22 21 43.0	+35 46 0	AGL	1.9 .4	-1.2 .5				2897S			NGC 7276		2--	92.3	-17.9
22 23 3.0	+51 0 5	SAO	1.9 .4		-3.6 .5		M2	5685S	50429		AC LAC		2--	100.9	-5.3
22 23 9.0	+68 46 36	AGL	1.8 .3					5686S					1--	110.4	9.8
22 24 6.3	+63 4 25	SAO	1.6 .3				M4 III	2902S	60354		DO 41365		2--	107.4	4.9
22 24 21.7	-11 48 10	SPC			-2.3 .2			7188S					-S-	50.5	-52.7
22 25 28.6	+31 35 3	SAO	1.7 .4		-3.1 .6		M1	5689S	30493	8555	DO 21496		1--	90.5	-21.8
22 25 55.1	+43 51 53	SAO	1.3 .4				M5	5688S	40510		GC 31393		1--	97.5	-11.6
22 26 6.0	-65 41 30	AGL			-3.4 .4			5690S					1--	323.1	-45.7
22 26 7.5	-12 50 1	SPC			-1.6 .2			7189S					-S-	49.4	-53.6
22 27 37.0	+34 28 54	AGL			-3.6 .5			5692S					2--	92.6	-19.7
22 27 52.0	- 5 40 0	AGL			-3.8 .4			5693S					1--	59.5	-50.1
22 27 53.9	-47 40 28	SPC			-2.9 .2			7190S					-S-	346.9	-55.9
22 28 1.0	+12 50 54	IRC	1.3 .3				M6EP	5694S	10519		GM PEG		1--	78.1	-37.2
22 28 10.0	+37 17 6	IRC	1.8 .5				M6	5695S	40513		DO 21536		1--	94.3	-17.4
22 28 14.0	-48 50 16	SPC				-3.2 .3		7191S					-S-	345.0	-55.5
22 29 13.2	-49 4 3	SPC			-2.5 .2			7192S					-S-	344.5	-55.5
22 31 7.8	+ 0 56 5	SAO	1.8 .4				M4	5696S	519		DO 7836		1--	67.8	-46.4
22 31 19.0	+58 11 12	AGL			-2.9 .4			5697S			SHARP. 138		1--	105.7	.3
22 31 31.0	+66 40 0	IRC	2.1 C	0.0 C			M8	2920S	70188				2--	110.0	7.6
22 31 43.9	+56 21 57	SAO	1.6 .4	-2.5 .4			K0 III	5698S	60360	8594			1--	104.8	-1.3
22 33 29.0	- 7 50 48	AGL	2.0 .4					5699S			SVS 102190		1--	58.0	-52.5
22 34 8.0	+47 59 54	IRC	1.7 .4				M6	5700S	50437		BY LAC		1--	100.9	-8.8
22 34 36.0	+65 34 42	AGL	1.8 .4		-2.5 .6			2926S					1--	109.7	6.5
22 35 46.7	-30 9 59	SPC				-5.0 .3		7193S					EO -S-	1.3	-60.0
22 36 56.0	-61 50 30	AGL			-2.7 .5		M3-M6E II	5704S			T TUC		1--	326.2	-49.2
22 38 19.0	+44 0 53	SAO	1.5 .4				K3 III	5705S	40516	8632	11 LAC		1--	99.6	-12.6
22 38 21.7	-48 34 33	SPC			-3.0 .2			7194S					-S-	344.1	-57.1
22 38 52.9	-12 34 59	SPC			-3.3 .2			7195S					-S-	52.4	-56.2
22 38 54.0	+10 45 24	AGL	1.6 .4		-2.8 .5			2933S					1--	79.0	-40.5
22 39 11.0	+30 42 15	SAO	1.5 .4				M1	5706S	30497	8638	DO 21674		1--	92.6	-24.2
22 39 23.2	-12 50 2	SPC			-3.2 .2			7196S					-S-	52.2	-56.4
22 39 32.5	-12 30 14	SPC			-3.3 .2			7197S					-S-	52.7	-56.3
22 39 35.5	-29 37 22	SAO	1.0 .3				M5 G	5707S	-30453	8637	19 PSA		1--	20.8	-61.6
22 40 3.0	-12 45 15	SPC			-3.1 .2			7198S					-S-	52.4	-56.5
22 40 17.8	+53 38 49	SAO	1.5 .4				M3	2937S	50441	8648	DO 41817		2--	104.5	-4.3
22 40 44.0	+77 13 30	AGL	.6 .3					5708S			SVS 5606		1--	116.0	16.4

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
22 41 34.9	-13 30 16	SPC			-2.6 .2			7199S					-S-	51.6	-57.2
22 41 51.4	+41 33 23	SAO	1.7 .4	-2.8 .6			K0 III	5709S	40520	8656	13 LAC		1--	98.9	-15.0
22 41 55.6	-14 5 10	SPC			-3.3 .2			7200S					-?-	50.7	-57.6
22 42 5.6	-13 45 16	SPC			-3.3 .2			7201S					-S-	51.3	-57.4
22 42 36.5	-14 0 15	SPC			-3.4 .2			7202S					-?-	51.0	-57.7
22 42 43.7	+52 15 15	SAO	2.0 .4				K5	5711S	50443	8661	GC 31749		1--	104.2	-5.7
22 43 5.3	+46 56 26	SAO	1.6 .3				M6	2950S	50444		DO 41913		2--	101.7	-10.4
22 43 6.0	+56 19 36	AGL	1.7 .4				N	5710S			DV LAC	EO	1--	106.2	-2.1
22 43 36.2	-11 25 46	SAO	1.2 .4				M2	5713S	-10586		GC 31765		1--	55.3	-56.5
22 43 38.0	-10 36 24	AGL	1.1 .4					5712S			IC 1451		1--	56.6	-56.1
22 44 11.6	+11 54 57	SAO	2.1 .4				F7 V	5714S	10522	8665	XI PEG		1--	81.3	-40.4
22 45 20.0	+12 2 48	AGL		-1.3 .4				2956S					1--	81.7	-40.5
22 45 51.0	+61 0 24	IRC	1.4 .4	-.6 .4			M5	5715S	60366		GR CEP		1--	108.6	1.9
22 45 58.6	+49 19 7	SAO	1.4 .4				M3 III	5716S	50447		DO 41998		1--	103.3	-8.5
22 46 10.0	+18 19 12	AGL	1.2 .4					2959S					1--	86.5	-35.4
22 46 10.0	+32 3 12	AGL	1.5 .3					5717S					1--	94.8	-23.7
22 47 55.0	+59 23 30	IRC	1.0 .4				S	5718S	60369		CV CEP		1--	108.1	.3
22 48 14.0	+17 38 36	AGL	1.4 .4				S3,9E	5720S			SX PEG		1--	86.5	-36.3
22 49 7.0	+ 7 1 0	AGL	1.2 .3					2972S					1--	78.5	-45.0
22 49 15.0	+47 48 42	AGL	1.9 .3					2973S					1--	103.1	-10.1
22 49 26.0	+52 4 36	IRC	1.5 .4				M6	5721S	50448		CL LAC		1--	105.1	-6.3
22 49 56.0	+17 29 0	AGL	1.3 .4				M0	2978S			DO 21822		1--	86.8	-36.6
22 50 28.3	+50 26 20	SAO	1.8 .3				M4	2980S	50450		DO 42118		2--	104.5	-7.9
22 51 3.7	+59 50 5	SAO	1.6 .3				K2 SG	5722S	60373	8707	GC 31922		1--	108.7	.5
22 52 15.2	+24 7 13	SAO	1.7 .4				M5	5723S	20540		DO 21869		1--	91.6	-31.3
22 52 18.4	- 9 38 29	SAO	1.2 .5				M5	5724S	-10589		TT AQR		1--	60.2	-57.3
22 52 30.0	+20 3 24	AGL			-5.0 .4			5725S			NGC 7415	GALAXY	1--	89.2	-34.8
22 53 36.0	+20 11 48	AGL	1.4 .3					5726S					1--	89.5	-34.8
22 54 46.0	-53 46 36	AGL		-1.5 .4		-6.7 .6		5727S					1--	333.6	-56.3
22 54 54.0	+61 46 54	AGL		-1.0 .4	-2.9 .4			2997S					1--	109.9	2.1
22 55 5.0	-26 26 6	IRC	1.4 .4				M5 III	5728S	-30459		TV PSA		1--	28.6	-64.6
22 55 23.0	+17 45 30	IRC	1.7 .4				M6E G	5729S	20542		BI PEG		1--	88.4	-37.1
22 55 25.0	+19 21 18	AGL	1.4 .3					5730S					1--	89.4	-35.8
22 55 51.0	+28 20 6	AGL	1.1 .4	-1.2 .4			M2	3002S			DO 21906		2--	94.8	-28.0
22 56 0.0	+64 53 24	AGL			-3.9 .4			5731S					1--	111.4	4.9
22 56 11.0	+56 42 36	IRC	1.6 .3				M5	5732S	60378		DO 42266		1--	107.9	-2.6
22 56 34.2	+24 39 15	SAO	1.7 .4				M4	3003S	20544		DO 21933		2--	92.9	-31.3
22 58 44.1	-36 53 57	SPC		-.6 .2				7203S					-S-	3.8	-64.9
22 59 18.1	-47 31 23	SPC			-2.8 .2			7204S					-S-	342.4	-60.6
22 59 23.4	+56 50 12	SAO	1.8 .4				K2 II	3014S	60380	8761	GC 32091		2--	108.4	-2.6
22 59 34.2	-47 11 55	SPC			-2.9 .2			7205S					-S-	342.9	-60.9
22 59 36.1	+50 34 51	SAO	2.1 .4				K4 III	5733S	50456				1--	105.9	-8.4
22 59 56.8	- 6 50 34	SAO	1.6 .4				M2 G	5734S	-10592	8763	82 AQR		1--	66.4	-57.0
23 0 11.4	-37 13 37	SPC				-3.1 .3		7206S					-S-	2.9	-65.1
23 1 38.1	+66 56 22	SAO	2.1 .4				K3 III	5735S	70192	8779	GC 32142		1--	112.7	6.5
23 2 28.0	+58 18 0	IRC	1.9 .4				M7	5737S	60384				1--	109.4	-1.5
23 3 4.5	+28 43 7	SAO	1.5 .5				M2 III	5736S	30505		DO 22014		1--	96.6	-28.4
23 3 59.9	-24 0 49	SAO	1.7 .3				G9 G	5738S	-20628	8789	86 AQR		1--	35.2	-66.2
23 4 10.0	-30 34 36	IRC	1.9 .4				M7	5739S	-30463				1--	18.8	-66.9
23 5 21.7	+46 7 1	SAO	1.5 .4				K5 III	3027S	50458	8804	4 AND		2--	104.9	-12.8

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
23 6 18.0	+75 7 2	SAO	1.7 .4				G2 III	3032S	80056	8819	PI CEP		1--	116.4	13.8
23 7 36.0	+80 12 48	AGL	1.9 .3					5741S					EO 1--	118.6	18.5
23 7 46.0	+17 48 0	AGL	1.3 .3					3035S					2--	91.6	-38.6
23 7 50.0	+ 0 1 54	AGL	.9 .4					3036S					1--	77.3	-53.4
23 7 59.0	+60 58 24	IRC	1.7 .5				M2 IAB	5740S	60388		GU CEP		1--	111.1	.7
23 8 11.0	-11 58 0	AGL	1.2 .3					3038S					1--	61.2	-61.8
23 8 44.6	-43 17 1	SPC		.7 .2			M3	7207S	-40332E		GC 32298		-S-	348.3	-64.3
23 8 51.5	+ 0 9 21	AGL	.8 .4	-.2 .2				3040S					1--	77.7	-53.4
23 10 9.0	+13 6 54	AGL	1.5 .3					5742S					1--	89.2	-42.9
23 10 32.4	-15 4 44	SPC			-2.1 .2			7208S					-?-	56.3	-64.0
23 10 33.4	+ 8 41 29	SAO	1.5 .4				M4	5743S	10530		DO 7962		1--	86.1	-46.7
23 10 40.1	-35 15 58	SPC		-.9 .2				7209S					-S-	6.3	-67.7
23 10 54.0	+12 25 24	AGL	1.2 .3					5744S					1--	89.0	-43.6
23 11 26.0	- 2 20 50	SPC			-1.9 .2			7210S					-S-	75.8	-55.8
23 11 54.0	-34 9 36	AGL	1.3 .3					3050S					1--	9.0	-68.1
23 11 54.0	+29 8 54	AGL		-1.1 .4				5745S					1--	98.8	-28.9
23 11 58.0	+66 16 6	AGL	1.4 .3					5746S					1--	113.4	5.5
23 12 34.1	+80 43 9	SPC			-1.5 .2			7211S					--3	119.0	18.9
23 13 11.0	+34 27 54	AGL	1.5 .3					5747S					1--	101.5	-24.1
23 14 27.8	-28 42 36	SAO	1.7 .4				M2 G	3060S	-30467		GC 32411		2--	23.8	-69.1
23 14 38.0	+32 0 6	AGL			-3.8 .5			3063S					2--	100.7	-26.5
23 14 52.6	+29 36 1	SAO	1.6 .5		-3.8 .6		M1 III	5748S	30508		DO 22146		1--	99.7	-28.7
23 15 5.0	+73 29 18	AGL	1.6 .4					5749S			SVS 102245		1--	116.3	12.1
23 16 22.8	-28 39 42	SAO	1.4 .5				K5	5750S	-30469		GC 32460		1--	24.0	-69.6
23 16 33.6	+67 50 16	SAO	1.0 .3				K0 III	5751S	70194	8872	OMI CEP		1--	114.4	6.8
23 16 46.0	-38 4 12	AGL	1.4 .3					3069S					1--	358.2	-68.0
23 17 29.2	+41 48 15	SAO	1.4 .4	-1.1 .5			M0 G	5752S	40534	8876	10 AND		1--	105.3	-17.6
23 17 34.5	+56 58 11	SAO			-3.5 .4		M0 G	3070S	60398		DO 42892		2--	110.8	-3.4
23 17 43.0	+32 39 48	AGL	1.5 .3					5753S					1--	101.7	-26.1
23 17 47.6	+ 5 6 29	SAO	1.5 .5				K2 III	5754S	10532	8878	7 PSC		1--	85.4	-50.7
23 17 53.0	+46 57 30	AGL	1.5 .4				R	3077S			EU AND		2--	107.3	-12.8
23 18 13.0	+39 20 36	IRC	1.6 .4				M8	3080S	40535		RY AND		2--	104.5	-20.0
23 18 23.0	+61 56 21	SAO	1.5 .3				K2	5755S	60400	8886	GC 32508		1--	112.6	1.2
23 19 19.8	+20 21 50	SAO	1.8 .5				M4	5756S	20547		DO 22187		1--	96.2	-37.5
23 19 27.0	+63 23 12	AGL	1.1 .3					5757S					1--	113.2	2.5
23 19 45.8	- 0 32 53	SPC		-.5 .2				7212S					-S-	80.7	-55.7
23 19 49.0	-59 16 0	AGL		-1.8 .4				5759S					1--	322.6	-54.6
23 20 .3	+25 38 39	SAO		-.9 .4			K3 III	5758S	30511		GC 32530		1--	99.0	-32.8
23 20 11.0	+28 28 0	AGL		-.7 .4				5760S					1--	100.4	-30.2
23 20 13.0	+26 41 30	AGL		-1.4 .4				5761S					1--	99.6	-31.9
23 20 16.0	+25 39 48	AGL	1.8 .4				K3 III	5762S	30511		GC 32530		2--	99.1	-32.8
23 20 33.1	+12 2 22	SAO	1.6 .4				K3 III	5763S	10534	8893	66 PEG		1--	91.6	-45.1
23 21 13.0	+55 53 24	IRC	1.8 .4				C4,5	5764S	60403		V353 CAS		1--	110.9	-4.6
23 21 44.7	+41 20 17	SAO	.5 .4				M5	5765S	40537		DO 43003		1--	105.9	-18.4
23 21 47.2	-17 35 38	SAO	1.5 .4	.0 .2			M5-6 G	5766S	-20634		RU AQR		1--	54.4	-67.6
23 21 59.0	+12 40 0	AGL	1.1 .3					5767S					1--	92.4	-44.7
23 23 12.1	-11 25 51	SAO	1.3 .4				M3	3092S	-10599				2--	67.2	-64.3
23 23 37.0	+27 33 30	AGL			-3.7 .4			5768S					1--	100.8	-31.3
23 24 16.1	-36 40 30	SPC				-2.8 .3		7213S					-S-	.3	-69.9
23 24 26.0	+ 5 23 18	AGL	.9 .4					3097S					1--	87.9	-51.4

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
23 25 37.0	+44 58 48	AGL	1.6 .3					5770S					1--	107.9	-15.2
23 25 38.9	-38 41 7	SPC		-.3 .2				7214S					-S-	354.7	-69.3
23 25 45.1	+59 3 35	SAO	2.0 .4				M2	5769S	60405		DO 43114		1--	112.5	-1.8
23 26 25.5	- 9 32 29	SAO	.9 .4				K0	5771S	-10602	8921	GC 32662		1--	71.6	-63.6
23 26 36.0	+59 28 0	IRC	1.7 .4				M2 RED	5772S	60406		DO 43132		1--	112.7	-1.5
23 26 54.0	+56 23 6	IRC	1.5 .3				M6	3103S	60407		V356 CAS		2--	111.8	-4.4
23 27 6.7	+68 23 54	SPC				-3.2 .3		7215S					-?-	115.5	7.0
23 27 39.0	-17 19 30	AGL	1.3 .4					3108S					1--	57.0	-68.7
23 28 16.0	+53 35 18	AGL	1.1 .3					5773S					1--	111.1	-7.1
23 29 9.5	-23 13 46	SPC		-2.2 .2				7216S					-S-	41.6	-71.5
23 29 13.1	+68 36 2	SPC				-2.9 .3		7217S					-S-	115.8	7.1
23 29 58.6	+68 55 47	SPC				-3.0 .3		7218S					-S-	116.0	7.4
23 29 59.0	+23 34 4	SAO	2.2 .4				K5	5774S	20549		GC 32740		1--	100.6	-35.6
23 30 10.6	-24 32 9	SPC			-2.4 .2			7219S				EO	-S-	37.7	-72.1
23 31 11.2	+86 19 33	FIR			-1.6 .2			7220S					-**	121.7	23.9
23 31 29.9	+68 47 17	SPC				-3.1 .3		7221S					-S-	116.1	7.2
23 31 43.0	+12 40 30	AGL	1.3 .3					5776S					1--	95.4	-45.8
23 32 9.0	+51 52 18	AGL	1.3 .3					5777S					1--	111.1	-9.0
23 33 40.8	+68 59 12	SPC				-3.1 .3		7222S					-S-	116.3	7.4
23 33 51.0	-69 54 42	AGL		-1.7 .4				5778S					1--	312.2	-46.1
23 34 48.6	+55 36 0	SAO	2.2 .5				K5 III	5781S	60414		DO 43352		1--	112.6	-5.5
23 34 53.5	+46 49 52	SAO	1.6 .4				M5	5779S	50470		GG AND		1--	110.1	-13.9
23 35 15.1	- 1 6 34	SPC			-2.2 .2			7223S					-S-	86.0	-58.3
23 36 1.6	+ 1 29 52	SPC		-.4 .2				7224S					-S-	88.8	-56.2
23 37 .9	-40 19 57	SPC		-.4 .2				7225S					-S-	347.3	-70.3
23 37 54.0	+51 47 30	IRC	1.5 .4				M5	5782S	50476		DO 43429		1--	112.0	-9.3
23 38 59.0	-18 18 13	SAO	1.3 .4				K5 III	5783S	-20638	8980	103 AQR		1--	58.8	-71.5
23 39 46.5	+44 42 53	SAO	1.4 .4				K5 G	3132S	40543	8986	GC 32924		2--	110.3	-16.2
23 40 3.0	+32 55 30	AGL	1.1 .3					3134S					1--	106.7	-27.5
23 40 14.5	+86 13 48	FIR			-2.1 .2			7226S					-**	121.8	23.8
23 41 23.0	+24 25 42	AGL	1.6 .3					3137S					1--	104.0	-35.7
23 41 28.2	+29 5 4	SAO	1.7 .4				K0 III	5785S	30516	8997	78 PEG		1--	105.7	-31.2
23 42 15.0	+56 57 24	AGL		-.6 .4				3142S			SVS 102283		2--	114.0	-4.5
23 42 33.3	-24 19 34	SPC		-2.0 .2				7227S					-S-	40.9	-74.8
23 42 50.2	-35 30 34	SPC			-2.8 .2			7228S					-S-	359.0	-73.8
23 43 39.0	- 7 9 30	AGL	1.0 .4					3146S					1--	82.6	-64.5
23 44 59.8	-38 20 30	SPC			-2.4 .2			7229S					-?-	349.7	-72.7
23 46 22.0	+2[illegible] 47 54	AGL	1.6 .3				M0	3155S			DO 22462		1--	104.3	-38.5
23 47 43.0	+60 49 24	IRC	1.6 .3				M2	5787S	60425		DO 43690		1--	115.6	-.9
23 48 34.5	- 5 18 23	SPC		-1.2 .2				7230S					-?-	87.2	-63.6
23 48 42.8	+48 41 58	SAO	1.9 .5				M5	5788S	50480		DO 43717		1--	112.9	-12.7
23 48 45.0	+26 53 24	AGL		-1.2 .5			M8	3161S			GR PEG		2--	106.8	-33.8
23 48 51.0	+ 5 25 48	AGL	1.6 .3					3162S					1--	96.9	-54.1
23 49 4.1	- 5 11 7	SPC		-1.4 .2				7231S					-?-	87.6	-63.6
23 49 10.0	+29 28 30	IRC	1.8 .4				M5E III	5789S	30520		DU PEG		1--	107.7	-31.4
23 49 22.0	- 5 30 15	SPC		-.9 .2				7232S					-S-	87.4	-63.9
23 49 51.7	- 5 22 58	SPC		-.8 .2				7233S					-S-	87.8	-63.9
23 50 7.0	-16 39 9	SAO	1.4 .4				M2	5790S	-20643				1--	68.2	-72.7
23 50 9.6	- 5 42 7	SPC		-1.0 .2				7234S					-S-	87.5	-64.2
23 50 34.0	- 1 38 6	AGL	1.1 .3					3169S					1--	92.0	-60.7

Supplemental Table Of Observations

RA(1950)	Dec(1950)	Ref	m(4)	m(11)	m(20)	m(27)	Spec Type	AFGL	TMSS	HR	Names	Comments	Obs	l	b
23 50 41.0	- 5 34 24	SPC		-1.0 .2				7235S					-S-	87.9	-64.1
23 50 57.2	- 5 53 58	SPC		-1.9 .2				7236S					-S-	87.7	-64.5
23 51 6.0	-26 44 21	SPC				-3.3 .3		7237S					-S-	32.6	-77.1
23 51 9.0	+53 18 24	IRC	1.7 .3				M5-6	5791S	50481		DO 43773		1--	114.3	-8.3
23 51 18.4	+ 0 19 5	SAO	1.5 .4				M5	5792S	534		DO 8097		1--	94.1	-59.0
23 51 28.7	- 5 46 14	SPC		-1.9 .2				7238S					-S-	88.1	-64.4
23 51 44.8	- 6 5 50	SPC		-1.2 .2				7239S					-S-	87.8	-64.7
23 52 5.0	-31 2 49	SAO	1.8 .4				M5	5793S	-30470		SVS 5805		1--	13.2	-77.1
23 53 8.6	- 1 24 6	SPC				-3.2 .3		7240S					-S-	93.4	-60.8
23 53 24.1	-18 48 58	SPC			-2.3 .2			7241S				E?	-S-	64.0	-74.6
23 53 32.7	-22 16 14	SAO	2.0 .4				M3 G	5794S	-20644		GC 33196		1--	52.1	-76.4
23 54 9.0	+26 4 36	AGL		-2.0 .4				5796S					2--	107.9	-34.9
23 54 31.4	- 9 8 48	SPC		-.4 .2				7242S					-S-	85.3	-67.7
23 54 38.9	+ 2 12 15	SPC			-2.9 .2			7243S					-S-	97.0	-57.6
23 54 47.9	+60 44 53	SAO	1.6 .3				M2 G	3184S	60430		GC 33217		2--	116.4	-1.2
23 55 8.0	+49 39 54	AGL	1.3 .3					5797S					1--	114.1	-12.0
23 55 54.1	+ 1 42 31	SPC			-2.6 .2			7244S					-S-	97.2	-58.2
23 56 15.3	- 6 23 11	SPC			-2.1 .2			7245S					-?-	89.8	-65.5
23 57 34.0	+19 58 0	IRC	2.0 .4				M7	5798S	20558		EP PEG	EO	1--	106.9	-41.0
23 57 39.8	+60 3 2	SPC		-.1 .2			M4	7246S	60432		DO 43937		-S-	116.6	-1.9
23 57 41.0	+14 44 30	AGL	1.6 .3					3195S					1--	105.0	-46.1
23 58 27.0	+38 13 30	IRC	1.4 .4				M0	5799S	40548		DO 22623		1--	112.2	-23.3
23 58 28.4	+ 1 10 16	SPC			-2.8 .2			7247S					-S-	97.9	-59.0
23 59 3.0	-51 40 18	AGL		-1.8 .4				5800S					1--	320.8	-64.0
23 59 43.0	-21 17 6	AGL	1.5 .4					3198S					1--	58.9	-77.2
23 59 43.4	+60 25 30	SAO	1.3 .3				M2 G	4001S	60434		DO 43998		1--	117.0	-1.6

References

A1. Price, S. D., and Walker, R.G. (1978) Calibration of the HI STAR Sensors, AFGL-TR-78-0172, AD A061020.

A2. Price, S. D. (1977) The AFGL Four Color Infrared Sky Survey: Supplemental Catalog, AFGL-TR-77-0100, AD A048048.

A3. Kukarkin, B. V., Kholopov, P. N., Efremov, Yu. N., Kukarkina, N. P., Kurochkin, N. E., Medvedeva, G. I., Perova, N. B., Fedorevich, V. P., and Frolov, M. S. (1969) General Catalog of Variable Stars, Third Edition, Academy of Sciences USSR, Moscow.

A4. Kukarkin, B. V., Kholopov, P. N., Efremov, Yu. N., Kukarkina, N. P., Kurochkin, N. E., Medvedeva, G. I., Perova, N. B., Pskovsky, Yu. P., Fedorovich, V. P., and Frolov, M. S. (1971) First Supplement to the Third Edition of the General Catalog of Variable Stars, Academy of Sciences USSR, Moscow.

A5. Kukarkin, B. V., Kholopov, P. N., Efremov, Yu. N., Kukarkina, N. P., Kurochkin, N. E., Medvedeva, G. I., Perova, N. B., Pskovsky, Yu. P., Fedorovich, V. P., and Frolov, M. S. (1974) Second Supplement to the Third Edition of the General Catalog of Variable Stars, Academy of Sciences USSR, Moscow.

A6. Neugebauer, G., and Leighton, R. D. (1969) Two Micron Sky Survey - A Preliminary Catalog, NASA SP-3047.

A7. Neugebauer, G. (1971) Two micron sky survey zones -47° to -40° and -40° to -33°, private communication.

A8. Low, F. J., Kurtz, R. F., Vrba, F. J., and Rieke, G. H. (1976) An observational study of the AFCRL infrared sky survey I. Limited ground based survey and results from preliminary catalog, Astrophys. J. (Lett.) 206:L153.

A9. Lebofsky, M. J., Kleinmann, S. G., Rieke, G. H., and Low, F. J. (1976) An observational study of the AFCRL infrared sky survey II. Present results of a new program to study the final catalog, Astrophys. J. (Lett.) 206:L157.

A10. Lebofsky, M.J., Sargent, D.L., Kleinmann, S.G., and Rieke, G.H. (1978) An observational study of the AFCRL infrared sky survey III. Further searches for AFCRL/AFGL sources and an evaluation of the content of the mid-infrared sky, Astrophys. J. 219:487.

A11. Gosnell, T.R., Hudson, H., and Puetter, R.C. (1979) Ground based observations of sources in the AFGL infrared sky survey, Astron. J. 84:538.

A12. Gehrz, R.D., and Hackwell, J.A. (1976) A search for anonymous AFCRL infrared sources, Astrophys. J. (Lett.) 206:L161.

A13. Joyce, R.R., Capps, R.W., Gillett, F.C., Grasdalen, G., Kleinmann, S.G., and Sargent, D.G. (1977) Accurate photometric positions for 60 sources from the AFCRL sky survey, Astrophys. J. (Lett.) 213:L125.

A14. Kleinmann, S.G., Joyce, R.R., Sargent, D.G., Gillett, F.C., and Telesco, C.M. (1979) An observational study of the AFGL infrared sky survey IV. Further results from the revised catalog, Astrophys. J. 227:126.

A15. Grasdalen, G.L., Gehrz, R.D., Hackwell, J.A., and Gullixson, C. (1983) The stellar component of the galaxy as seen by the AFGL infrared sky survey, Astrophys. J. Suppl. (in press).

A16. Sweeney, L.H., Heinsheimer, T.F., Yates, F.F., Maran, S.P., Lesh, J.R., and Nagy, T.A. (1978) Interim Equatorial Infrared Catalog, Number 1, Aerospace Report TR-0078 (3409-20)-1.

A17. Sweeney, L.H., Heinsheimer, T.F., Yates, F.F., Maran, S.P., Lesh, J.R., and Nagy, T.A. (1978) Interim Equatorial Infrared Catalog, Number 2 (preprint).

A18. Gezari, D.Y., Schmitz, M., and Mead, J.M. (1982) Catalog of Infrared Observations, NASA Tech Memo. 83819.

A19. (1966) Smithsonian Astrophysical Observatory Star Catalog, Government Printing Office, Washington, D.C.

A20. Ney, E.P., and Merrill, K.M. (1980) Study of Sources in the AFGL Rocket Infrared Survey, AFGL-TR-80-0050, AD A084098.

A21. Harris, S., and Rowan-Robinson, M. (1977) The brightest sources in the AFCRL survey, Astron. Astrophys. 60:405.

A22. Kleinmann, S.G., Gillett, F.C., and Joyce, R.R. (1981) Preliminary results of the Air Force infrared sky survey, Ann. Rev. Astron. Astrophys. 19:411.

A23. Bidelman, W.P. (1980) Spectral Classifications for the Stars of the Caltech Two Micron Survey, Warner and Swasey Obs. 2(No. 6).

A24. Bidelman, W.P. (1980) Private communication.

A25. Buscombe, W. (1981) Suggested Identifications for Infrared Sources, Var. Stars Suppl. 4, 19:85, Akad. Science USSR.

A26. Kukarkin, B.V., Kholopov, P.N., Efremov, Yu.N., Kukarkina, N.P., Kurochkin, N.E., Medvedeva G.I., Perova, N.B., Pskovsky, Yu.P., Fedorovich, V.P., and Frolov, M.S. (1976) Third Supplement to the Third Edition of the General Catalog of Variable Stars, Academy of Sciences USSR, Moscow.

A27. Hoffleit, D. (1964) Catalog of Bright Stars, Third Revised Edition, Yale U. Obs.

A28. Lee, O.J., Baldwin, R.L., and Hamlin, D.W. (1943) Dearborn Catalog of Faint Red Stars Titanium Oxide Stars in Zones $-4^{\circ}.5$ to $+13.5^{\circ}$, Ann. Dearborn Obs, Northwestern U. V(Part 1A).

A29. Lee, O.J., and Bartlett, T.J. (1944) Dearborn Catalog of Faint Red Stars Titanium Oxide Stars in Zones +13.5° to +40.5°, Ann. Dearborn Obs, Northwestern U. V(Part 1B).

A30. Lee, O.J., Gore, G.D., and Bartlett, T.J. (1947) Dearborn Catalog of Faint Red Stars Titanium Oxide Stars in Zones 40.5° to +90°, Ann. Dearborn Obs., Northwestern U. IV(Part 1C).

A31. Sulentic, J.W., and Tifft, W.G. (1972) The Revised New General Catalog of Non-Stellar Astronomical Objects, U. of Ariz., Tucson, Ariz.

A32. Sharpless, S. (1959) A catalog of HII regions, Astrophys. J. Suppl. IV:257.